



New York State Association of Metropolitan Planning Organizations 2018-2019 Working Group Work Program



2018-2019 NYSAMPO Working Group Work Program

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INTRODUCTION

The New York State Association of Metropolitan Planning Organizations (*NYSAMPO*) is a coalition of the fourteen MPOs in New York State, which have committed to work together toward common goals. One of the hallmarks of NYSAMPO are its eight Working Groups. The Working Groups exemplify cost-effective collaboration that yields benefits for MPO member agencies, including their state and federal partners that participate directly in them.

The working groups were established several years ago and have evolved to address the issues and opportunities that MPOs may need to consider in their respective metropolitan transportation planning process. The current Working Groups are:

- ◆ Bicycle and Pedestrian
- ◆ Climate Change
- ◆ Freight
- ◆ Geographic Information Systems
- ◆ Modeling
- ◆ Safety
- ◆ Transit
- ◆ Transportation System Management and Operations

The primary benefits of the Working Groups include:

- ◆ Providing topical forums for key planning functions to share practices, identify training needs, and to collaborate on the development of best practices,
- ◆ Creating opportunities for MPO staff, the New York State Department of Transportation (NYSDOT), and other agency staff to develop professional networks through a “community of practice” concept,
- ◆ Collaborating with other Working Groups on topics of mutual interest,
- ◆ Involving additional partner agencies based on emerging issues and opportunities,
- ◆ Developing Fact Sheets and White Papers, with MPO member agencies as the primary audience, and
- ◆ Serving as advisory panels for statewide planning efforts including the Strategic Highway Safety Plan (Safety Working Group), the National Performance Management Research Data Set web tool being developed by the University at Albany Visualization and Informatics Lab (Modeling Working Group), and the Statewide Freight Transportation Plan (Freight Working Group).

Among the many accomplishments of the Working Groups in 2017-2018, more than 30 in-person meetings, web meetings, and teleconferences (including joint events with multiple Working Groups) were conducted to share items of interest and best practices, development of multiple Fact Sheets and initiation of ones to be completed this year, dissemination of information on federal and state programs, and provided input to NYSDOT on statewide planning activities and an associated proposal evaluation tool. Identifying opportunities to further integrate their respective activities with other Working Groups will continue to be an area of emphasis in 2018-2019.

BICYCLE AND PEDESTRIAN WORKING GROUP

Goals

1. Increase safe bicycling and walking by providing a forum to share best practices among NYSDOT Regions and MPOs through Working Groups meetings and shared emails, and help members plan projects.
2. Support the implementation of Complete Streets by NYSDOT and local jurisdictions.
3. Work with NYSDOT to review, develop and implement plans, policies, or Engineering Instructions that will improve walking and bicycling as a mode option and improve safety.
4. Collaborate with State agencies including the Governor's Traffic Safety Committee (GTSC), NYS Department of Health (NYSDOH), NYS Education Department, and NYS Department of Motor Vehicles; non-profit organizations including the New York Bicycling Coalition (NYBC) and Parks and Trails New York (PTNY); the Walk-Bike New York Planning Committee, and other NYSAMPO Working Groups to achieve mutual goals.
5. Track State and Federal legislative and regulatory initiatives related to biking and walking.

Tasks

1. Provide a Forum for Sharing Bicycle and Pedestrian Best Practices
 - A. Meet 4 times per year whether in-person or by conference call.
 - i. Plan for one in-person meeting to be a combined BPWG and SWG meeting.
 - B. Support the Safety and GIS Working Groups by sharing and evaluating data and tools for Americans with Disabilities Act (ADA) Transition Plans. Review ADA transition plan best practices and develop a best practice method or toolkit for MPOs.
 - i. In particular, develop a standardized data schema for sidewalks and ramps. Review the Open Street Maps schema or other models (SAPFIM, etc). Discuss with NYSDOT's Highway Data Services Bureau & Policy and Planning Division for alignment with their data collection and management activities. Discuss how this effort may tie-in to the AgileAssets Pavement Management System now being used by NYSDOT.
 - C. Continue to identify MPO best practices for conducting regular (annual or more frequent) pedestrian & bicycle counts. These may include add-ons to NYSDOT Regional traffic count programs, use of the [National Bicycle and Pedestrian Documentation Project guidelines](#), or the [FHWA Traffic Monitoring Guidelines – Chapter 4](#).
 - D. Encourage more MPO involvement in bicycle/pedestrian conferences and symposiums, in particular the Walk-Bike NY Symposium and NYBC State Bike

Summit.

- E. Develop fact sheets and/or update fact sheets as needed. For 2018, this may include working with the SWG to develop an updated Complete Streets Fact Sheet.

2. Improve Pedestrian and Bicycle Safety

- A. Work with the Safety Working Group (SWG) to update and refine the online Safety Education Toolkit. This project involves reviewing MPO campaigns and those of our partner agencies to find what has been effective and adding links to an online toolkit of materials that the MPOs can use or adapt and share with partners.
- B. Work with the SWG to determine effective ways to provide information to the public and municipal officials about best practices related to pavement markings (e.g. shared lane markings, painted bike lanes), signing, signalization, as well as new legislation (e.g. safe passing law).
- C. Work with the SWG and safety partners to launch one or more Bicycle Safety PSAs to coincide with Bike Month in May 2018. This effort will consider various media markets (e.g. television, radio, and social media).

3. Support Complete Streets Implementation

- A. Support the implementation of Complete Streets by NYSDOT and local jurisdictions.
 - i. Work with NYBC on their Complete Streets curriculum for local agencies.
 - ii. Develop a model local Complete Streets ordinance based on national best practices but tailored to NYS laws and regulations (GTC to provide a first draft for the June 2018 meeting).
 - iii. Coordinate with Parks and Trails NY (PTNY) to review proposed changes to the State complete streets law.
 - iv. Coordinate with NYSDOT and PTNY on potential changes to the NYSDOT complete streets checklist.
 - v. Continue to assess the methods used to incorporate Complete Streets in MPO Long Range Plans. Work to maintain a database of Complete Streets-related L RTP links and descriptions on the NYSAMPO website.
 - vi. Work with the SWG to identify and deliver training on Complete Streets topics as part of regular working group meetings.
 - vii. Work with the public health community on Complete Streets, particularly in those locations with Creating Healthy Places or Creating Healthy Schools and Communities grants from the NYS Department of Health.

4. Coordinate with NYSDOT

- A. Work with NYSDOT to review, develop and implement plans, policies, or Engineering Instructions that affect walking and bicycling.
- B. Continue to work with NYSDOT, GTSC and NYSDOH on the implementation of the Pedestrian Safety Action Plan (PSAP), and participate on the Safety Working Group (SWG)'s PSAP subcommittee to develop application ranking criteria.

- C. Continue to support NYSDOT Main Office's Bicycle/Pedestrian Unit's efforts to provide statewide bicycle facility information via mapping using multiple media formats, and technology such as a mobile app for bike route navigation. Encourage NYSDOT to enable MPOs to update bicycle and pedestrian information on the NYSDOT website and web-based maps.
5. Collaborate with State Agencies, partners, and other Working Groups
- A. Work with NYBC, NYSDOT, and other organizations to pursue a report on the economic benefit of bicycling, walking, and complete streets. A list of reports on the economic impacts of walking and biking is available on the NYSAMPO website.
 - B. Provide feedback to PTNY on a trail/roadway intersection safety assessment tool and other projects as needed.
 - C. Coordinate with other NYSAMPO Working Groups on pedestrian and bicycle-related topics.
6. Track Federal and State Legislative and Regulatory Initiatives
- A. Track State legislative and regulatory initiatives related to biking and walking. Examples include:
 - i. 3-foot amendment to the Safe Passing Law.
 - ii. Adding bicycle and pedestrian law questions to the NYS Driver's License Exam.
 - iii. Legalizing [e-bike use on public roadways](#) through [NYS Senate Bill 1357](#) that defines the term electric assisted bicycle.
 - B. Track federal transportation rulemaking and performance measures related to walking and bicycling. Provide input to the NYSAMPO Directors and reporting requirements as appropriate.

CLIMATE CHANGE WORKING GROUP

Goals

1. Provide a forum for sharing best practices among the MPOs and with state, federal, and other planning partners regarding climate change mitigation, adaptation, and sustainability.
2. Provide input to regional, state, or federal planning processes and legislation that address climate change and sustainability in New York State.
3. Engage with partners and stakeholders, including NYSDOT, NYSDEC, and NYSERDA to stay informed about and participate in ongoing statewide climate change and sustainability efforts, including the Transportation and Climate Initiative (TCI).
4. Produce technical guidance and resources for MPO staff about climate change and sustainability actions.
5. Assess data needs related to climate change across MPOs in New York State and elsewhere.

Tasks

1. Provide a forum for sharing best practices
 - A. Hold quarterly webmeetings and assess the interest and feasibility of having at least one in-person meeting. Provide opportunities for partners from NYSDOT, New York State Department of Environmental Conservation (NYSDEC), New York State Energy Research and Development Authority (NYSERDA), and other agencies to present at meetings.
2. Provide input to regional, state, or federal planning processes and legislation
 - A. Provide comment letters on behalf of the Working Group/NYSAMPO as needed.
 - B. Provide feedback and insight on developing policies and programs related to the multi-state TCI climate change policy and program efforts being led by NYSDEC.
 - C. Advise on electric vehicle charging station deployment across the state
3. Engage with partners and stakeholders
 - A. Collaborate with NYSDOT on next steps for designated Alternative Fuel Corridors.
 - B. Work with NYS to provide input on and disseminate information about the VW Settlement money
4. Produce technical guidance and resources for MPO staff
 - A. Post relevant resources to Working Group website on an ongoing basis.
 - B. Target the development of one or two White Papers or Fact Sheets, including one on energy resiliency and reliability planning best practices.

5. Assess data needs
 - A. Track National Performance Management Measures.
 - B. Explore feasibility of collaborating with the GIS Working Group and Modeling Working Group on developing a tool to model various scenarios for electric vehicle Level 2 and DC Fast Charging infrastructure placement across major corridors in NYS, which can be used by NYSDOT and MPOs for planning to help accelerate electrification of NY's transportation system.

FREIGHT WORKING GROUP

Goals

1. New York State Freight Transportation Plan Support: Provide input to the development of the plan on behalf of the state's metropolitan areas.
2. Knowledge Transfer: Build technical capacity by serving as a forum for dialogue among MPOs, NYSDOT, and others to share freight planning practices, arrange for relevant training courses, and disseminate ideas on effective public communication about the importance of freight.
3. Integration: Assist in the further incorporation of freight into MPO planning practice at all levels from the long range transportation plan to the transportation improvement program.
4. Stakeholder Outreach: Engage other freight-related organizations to determine opportunities to inform them of what MPOs in New York State are advancing and possibly work together in the future.
5. Transformational Technologies: Monitor and assess technical advances (e.g., automated vehicles, additive manufacturing, etc.) that impact the number, type, and mode of trips used to deliver goods to businesses and residences.
6. Data Availability: Catalogue and evaluate the accessibility, quality, and cost of data that can be used to better analyze freight movements at various geographies.
7. Global and National Economies: Track the interrelationships between economic issues and trends that impact metropolitan economies in New York State.

Tasks

1. NYS Freight Transportation Plan Support
 - A. Act as a key stakeholder group to share and provide input from the metropolitan area perspective with NYSDOT and the consultants developing the plan, including review and comments on draft documents.
 - B. Receive briefings on plan activities and status via NYSDOT participation on Freight Working Group webmeetings, emails, and other means.
 - C. Provide contacts for metropolitan freight stakeholders as needed to ensure the plan incorporates all needed viewpoints.
2. Knowledge Transfer
 - A. Hold quarterly webmeetings, which include a roundtable agenda item so MPOs and other members can share current freight-related planning activities and lessons learned.

- B. Identify and participate in (to the extent practical) web-based, teleconference, and in-person training opportunities of short- and longer-term durations – these include Talking Freight webinars, single-day and multi-day peer exchanges, the I-95 Corridor Coalition’s Freight Academy, and other offerings.
- C. Hold a freight facility site visit with an in-person meeting afterwards (as part of the quarterly meeting schedule) on a bi-annual basis.
- D. Coordinate the development of an analysis of the most recent results of the Freight Program Assessment for distribution to members and discussion on a webmeeting (FHWA NY assistance).
- E. Produce an annual review document that summarizes planning initiatives and activities undertaken by members for distribution to interested parties and posting on the NYSAMPO website.

3. Integration

- A. Monitor, discuss, and implement/respond to federal freight-related rulemakings and requirements including (but not limited to):
 - i. Performance Management with an emphasis on Percentage of Interstate System Mileage Providing Reliable Truck Travel Time (Truck Travel Time Reliability Index).
 - ii. Designation and certification of the National Multimodal Freight Network, National Highway Freight Network, and Critical Urban Freight Corridors inclusive of any updates.
- B. Ensure that freight projects in metropolitan areas are fully considered for submission to discretionary funding programs (namely, INFRA), and identify potential support activities that MPOs can provide to their members who may be considering a submission.
- C. Communicate with other Working Groups to determine opportunities for coordinated actions that further integrate freight into other MPO planning activities (e.g., automated/connected trucks with TSMO Working Group, cleaner vehicles/fuels with Climate Change Working group, etc.).

4. Stakeholder Outreach

- A. Increase awareness among freight-related organizations and associations of the presence and role of the Freight Working Group, and offer them the opportunity to present as part of the quarterly webmeetings. Potential organizations and associations include (but are not limited to):
 - i. Trucking Association of New York
 - ii. New York Shipping Association
 - iii. I-95 Corridor Coalition

- iv. Railroads of New York
- v. Empire State Development/Regional Economic Development Council representatives
- B. Provide a link to NYSDOT freight network web atlas on the NYSAMPO website.
- C. Identify the freight planning initiatives, capabilities, and techniques of state DOTs and MPOs in surrounding states.
- 5. Data Availability, Transformational Technologies, & Global and National Economies
 - A. Inventory data sources (outside of Transearch, NPMRDS and FAF), analysis techniques, and modeling applications utilized by other MPOs for distribution to members and discussion on a webmeeting (FHWA NY assistance).
 - B. Monitor macro level advances in technology and economic trends that impact the amount and type of goods moved, as well as the distribution of modal options used, and communicate the planning implications to members as appropriate.

GIS WORKING GROUP

Goals

1. Knowledge Transfer: Conduct in-person meetings as the primary means for sharing practices and information on opportunities.
2. Data Collection and Assessment: Identify, compile, and assess spatial data that is useful to MPOs and their member agencies and, to the extent practical, partner organizations.
3. Coordination: Utilize the group as a forum for coordination with partner organizations to obtain and share data and practices.
4. Software: Ensure to the greatest extent practical that GIS software applications are consistent across the MPOs in New York State.
5. Training: Identify training opportunities to improve the technical capabilities of MPO staff.

Tasks

1. Knowledge Transfer
 - A. Incorporate discussions about best practices for using GIS software packages and algorithms
 - B. Consider additional conference calls and other communications as appropriate
2. Data Collection and Analysis:
 - A. Identify potential enhancements to existing data sources and altogether new ones for items such as traffic counts, pavement condition reporting, crash records, and travel demand surveys.
 - B. Determine how GIS technology can actively assist in data analysis efforts related to performance-based planning and programming, including MAP-21-related target setting and reporting. (It is anticipated that sharing methods and ideas on how to spatially manage and measure various elements of system performance will be an ongoing effort of this group)
3. Coordination:
 - A. Coordinate with other NYSAMPO Working Groups on GIS-related efforts, as needed and requested.
 - B. Ensure data flow from NYSDOT is as efficient and complete as possible by monitoring changes to NYSDOT's data procedures and working with NYSDOT staff to understand data availability and archiving

4. Software

- A. Work with NYSDOT to continue to provide all MPOs with ArcInfo and ArcView licenses and extensions, and expand this provision to include ArcGIS Pro and Online licensing.

5. Training

- A. Regularly poll members to identify professional development needs.
- B. Identify and request relevant training based on needs determined through aforementioned polling (this may include vendor-based training on significant changes to ESRI Arc software).

MODELING WORKING GROUP

Goals

1. Facilitate a network of colleagues to encourage sharing of ideas and questions about modeling on an informal basis throughout the year.
2. Hold a minimum of four meetings per year with at least one an in-person meeting. Invite partners from NYSDOT and other agencies to meetings to present and discuss data and modeling applications.
3. Evaluate data needs that are applicable to other Working Groups, including facilitating data coordination among the MPOs and with NYSDOT.
4. Share interesting modeling application practices at each in-person meeting to spur creative thinking throughout the modeling community towards the broader use of existing and potential tools beyond basic conformity/RTP modeling.
5. Share best practices related to post-processing activities such as air quality and greenhouse gas emission modeling/estimation to complement the discussions of and work conducted by the Interagency Consultation Group.

Tasks

1. Enhancing Data-Driven Planning
 - A. Facilitate data coordination among MPOs and with NYSDOT and other data partners to improve modeling, planning, and the development and tracking of performance measures.
 - i. NYSDOT's NPMRDS Web-Tool initiative: This initiative has provided an archive and web based tool to access the National Performance Management Research Data Set (NPMRDS). The University at Albany AVAIL Team has been under contract with NYSDOT for this Task. The Modeling Working Group (Modeling Working Group) is serving as an advisory committee to NYSDOT as this task progresses. The Modeling Working Group will continue to work with NYSDOT to develop planning applications based on speed and performance data for MPO planning.
 - ii. National Performance Management Measures: Based on NPMRDS DataThe Modeling Working Group will provide support for NYS MPOs implementing performance based planning using the NPMRDS Web-Tool. The AVAIL Team has added functionality to the Web-Tool to calculate the following measures: Level of Travel Time Reliability (LOTTR); Truck Travel Time Reliability (TTTR); and Hours of Peak Hour Excessive Delay per Capita. These performance measures will be used to determine and evaluate federally required targets. They can also be used at the corridor level for more in depth, optional analysis.
 - iii. Freight Data: The Modeling Working Group will discuss and evaluate emerging opportunities for freight modeling. The Modeling Working Group will continue to coordinate with the Freight Working Group with respect to freight data for integrated planning.

- iv. VMT Growth Trends: Through research and dialogue, the Modeling Working Group will develop an understanding of current trends in VMT growth and implications for MPO modeling and forecasting of travel. Reversing long term previous trends, VMT per capita has been growing at a slower rate nationally, while absolute VMT growth has been slowing in New York State MPOs.
 - v. National Household Transportation Survey (NHTS): NYSDOT and the MPOs will have access to the weighted and unweighted NYS 2016 NHTS add-on raw data by February 2018. By the end of March 2018, FHWA/ORNL (Oak Ridge National Labs) will have a website with a set of tools, including a table designer for customized tabulation at the state, MPO and county levels. The Modeling Working Group will work with NYSDOT to understand and analyze 2016 NHTS data and its implications for MPO modeling and forecasting. The Modeling Working Group will discuss how new data resources can be used in maintaining the underlying travel data in between major travel survey efforts.
 - vi. Travel Demand Management: Ongoing MPO travel demand management initiatives are influencing travel patterns, and new ride-hailing services (with Transportation Network Companies) have the potential to significantly transform travel behavior. Other new services such as bike share are also changing travel. The Modeling Working Group will continue to monitor impacts of demand management, especially with respect to implications for modeling and forecasting.
 - vii. Connected and Autonomous Vehicles: The Modeling Working Group will continue to monitor developments in these technologies as well as emerging best planning practices, especially with respect to implications for modeling and forecasting.
 - viii. Travel Data: The Modeling Working Group will evaluate sources of passive travel data and explore its use in the travel demand forecast models.
2. Collaboration with Other Working Groups
 - A. The Modeling Working Group will collaborate with NYSDOT, the Management and Operations Working Group, and the Climate Change Group in estimating and forecasting transportation GHG emissions for TIP and RTP performance measures. The Modeling Working Group will explore emerging trends and data sources, including:
 - ◆ Connected and autonomous vehicle technology,
 - ◆ Declining per capita trends in VMT, and
 - ◆ Operations and management strategies, including Intelligent Transportation Systems deployment and implementation such as signal timing.
3. Web Page
 - A. The Modeling Working Group will provide a web page for NYSAMPO staff to share modeling practice presentations.
4. Training
 - A. The Modeling Working Group will identify training needs and opportunities in modeling and air quality (specifically, on the application of U.S. Environmental

Protection Agency's MOVES and other mobile source emission models). The Modeling Working Group will explore opportunities for the staff consultant to provide training and tools through in-person trainings at meetings, a clearinghouse on the website, and other means.

SAFETY WORKING GROUP

Goals

1. Provide a forum for the exchange of planning related ideas and information for a range of federal, state, regional and local safety partners.
2. Collaborate with NYSDOT and other safety partners on federal and state safety initiatives.
3. Provide training and data support for MPO safety planning efforts.

Tasks

1. Work Group Meetings
 - A. Conduct monthly teleconferences and at least one in-person meeting to exchange information and ideas related to multi-modal safety planning on all public roads in New York State.
 - B. Work with the staff consultant to identify best practice presentations and training from practitioners both within and outside New York to be provided during the teleconference calls and in-person meeting.
 - C. Plan for one in-person meeting to be a joint meeting with the Bicycle and Pedestrian Working Group.
2. Participate in Statewide Safety Planning Initiatives
 - A. Work with NYSDOT and safety partners on the implementation of the Strategic Highway Safety Plan and related action plans.
 - B. Continue to work with NYSDOT, GTSC, and NYSDOH on the implementation of the Pedestrian Safety Action Plan and the implementation of the HSIP local and state pedestrian safety projects.
 - C. Work with NYSDOT on the identification and reporting of the safety performance measures and targets per the final federal rules for safety related to MAP-21 and the FAST Act, including required integration into MPO Transportation Improvement Programs (TIP) and Regional Transportation Plans (RTP).
 - D. Participate in the update of the NYS Traffic Records Strategic Plan through the NYS Traffic Records Coordinating Council.
 - E. Support the Bicycle and Pedestrian and GIS Working Groups by sharing and evaluating data available for ADA Transition Plans. Identify ADA transition plan best practices and develop a best practice method or toolkit for MPOs.
3. Collaborate with Safety Partners
 - A. Collaborate with NYSDOT, GTSC, and NYSDOH on the development and implementation of safety education programs.
 - B. Continue serving on the engineering committee of the NYS Association of Traffic Safety Boards.

- C. Coordinate with other NYSAMPO Working Groups on overlapping safety related topics.
4. Data
- A. Participate in the NYSDOT led Safety Data Integration Project. Continue to provide feedback to NYSDOT on the Accident Location Information System and to the Institute for Traffic Safety Management and Research on the Traffic Safety Statistical Repository.
 - B. Identify methods MPOs are using to track their regional data with respect to performance measures.
 - C. Track MPO safety planning efforts related to crash data analysis.
5. Training
- A. Identify and deliver training on high priority safety topics as part of regular working group meetings. Training could be delivered as Brown Bag webinars or in-person training with a recording for future use. Topics of interest include incorporating safety into long range plans and TIPs, HSIP procedures, Highway Safety Manual, Complete Streets, pedestrian, intersection and lane departure safety programs, etc.)
 - i. Identify training needs for crash data systems and crash data analysis.
 - ii. Explore live web based demos or webinars for training delivery.
 - iii. Low Cost Safety Improvements (FHWA): FHWA resource center may be able to provide training on this topic at no cost and focused on New York State. The course helps to equip the target audience with the knowledge and skills needed to analyze crash data, identify crash patterns, and select appropriate "low cost" countermeasures.
 - iv. Transportation Safety Planning Workshop: FHWA may be able to provide training on this topic at no cost and focused on New York State. The course addresses how to incorporate safety in LRTP/TIP processes, setting long-term safety policies and goals, understanding the different crash data analyses, establishing a performance management system, and encouraging multidisciplinary collaboration.
6. Education/Outreach
- A. Work with safety partners to launch Bicycle Safety Public Service Announcements to coincide with National Bike Month in May 2018. This effort will consider the appropriate media markets (e.g. television, radio, and social media).
 - B. Work with the Bicycle and Pedestrian Working Group to refine the Safety Education Toolkit on the website. This project involves reviewing the effectiveness of safety education campaigns.
 - C. Work with the Bicycle and Pedestrian Working Group to launch one or more Bicycle Safety PSAs to coincide with Bike Month in May 2018. This effort will be coordinated with the NYSDOT/NYSDOH/GTSC pedestrian safety campaign and will consider various media markets (e.g. television, radio, and social media).
 - D. Work with the Bicycle and Pedestrian Working Group to determine effective ways to provide information to the public and municipal officials about best practices related

- to pavement markings (e.g. shared lane markings, painted bike lanes), signing, signalization, as well as new legislation (e.g. safe passing law).
- E. Coordinate on the development of an updated Complete Streets Fact Sheet with the Bicycle and Pedestrian Working Group.

TRANSIT WORKING GROUP

Goals

1. Review proposed state and federal legislation, regulations, and rulemakings and provide input to the NYSAMPO Directors for their knowledge and potential action.
2. Promote coordination of transit planning and programming activities among MPOs, NYSDOT, Transit Providers, and FTA staff.
3. Promote knowledge transfer among the MPOs on transit planning activities.
4. Coordinate with other NYSAMPO Working Groups as needed throughout the year.

Tasks

1. Review proposed state and federal legislation, regulations, and rulemakings
 - A. Review and comment on transit-related statewide performance management targets set by NYSDOT (if any) and potential approaches to integrate statewide measures and targets with MPO planning activities and MPO-adopted plans. Specific discussion(s) regarding Transit Asset Management Plan adoption (deadline October 2018) for transit providers will be undertaken.
 - B. Share and discuss current and developing practice on coordination between MPO and Transit Providers in setting performance targets for capital assets including in long range/metropolitan transportation plans.
2. Promote coordination of transit planning and programming activities
 - A. Work with NYSDOT to facilitate rollout of next round of the FTA Section 5310 Program.
 - B. Share notices of transit-related funding opportunities or programs.
 - C. Identify and discuss data sources that support the integration of transit planning activities and the overall transportation planning process such as the U.S. Environmental Protection Agency Smart Location Database, Open Data NY, and the U.S. Census Bureau American Community Survey data sets.
 - D. Discuss ongoing and transit-related enhancements to the NY511 System.
3. Promote knowledge transfer
 - A. Share experience/information on Medicaid non-emergency transportation issues with respect to trip assignment and fiscal impacts on transit systems and services.
 - B. Discuss the potential application of the FTA planning emphasis areas to the updating of existing Coordinated Plans and other transit planning activities (e.g., the development of analytical approaches to identify connectivity gaps, measures of accessibility, and underserved areas).
 - C. Discuss the implications of ride-hailing applications and transportation network companies on transit services, and their potential use in mobility management.

- D. Develop fact sheet(s) on transit (general overview for communities) and/or corridor-specific transit and land use integration strategies (e.g., bus rapid transit, light rail transit, express bus, etc.) for areas that might be considering implementation.
- E. Share and discuss current and developing practice on:
 - ◆ Mobility Management,
 - ◆ Transit planning in long range/metropolitan transportation plans, and
 - ◆ Transit operator involvement in scoping and planning improved pedestrian access to transit stops and stations (including ADA Transition Plan considerations for local municipalities).
- 4. Coordinate with other NYSAMPO Working Groups
 - Share and discuss current and developing practice on implementation and implications of connected and autonomous vehicles in relation to transit services and infrastructure with the Transportation System Management and Operations Working Group.

Transportation Systems Management and Operations Working Group

Goals

1. Knowledge Transfer: Provide a venue for transferring Transportation System Management and Operations (TSMO) knowledge, experiences, and best practices among members and partners.
2. Policy Coordination: Provide commentary on Federal and New York State TSMO and congestion management-related policies, initiatives, and legislation to NYSAMPO Directors.
3. Coordinate Planning Initiatives for Emerging TSMO Issues: Facilitate a uniform planning approach to emerging issues in the TSMO field among MPOs in NYS by coordinating TSMO-related initiatives across member agencies.
4. Long Range Transportation Plans: Support member MPO efforts to integrate TSMO-supportive commentary and recommendations into their Long Range Transportation Plans.
5. Congestion Management Process: Support member agency efforts to integrate TSMO-oriented congestion management strategies into their Congestion Management Process, including the use of performance measures to monitor congestion and inform those strategies.

Tasks

1. Knowledge Transfer
 - A. Conduct teleconferences/webmeetings at least four times per year with presentations by subject matter experts.
 - B. Distribute pertinent information (TSMO-related publications, websites, training opportunities, etc.) to members via e-mail.
 - C. Work with member agencies to host training sessions for MPO staff and other interested stakeholders on technical topics related to TSMO programs and activities, including associated materials.
2. TSMO Policy Coordination
 - A. Prepare comment letters on the anticipated impacts of federal and NYS TSMO and congestion management-related policies, initiatives, and legislation for consideration by the NYSAMPO Directors on an as-needed basis.
3. Coordinate Planning Initiatives for Emerging TSMO Issues
 - A. Promote a common approach to emerging issues where feasible and practical, and support member agency actions to implement TSMO-related programs and projects, especially those of statewide and/or inter-regional significance.
 - B. In coordination with other Working Groups, identify emerging issues in the TSMO field that are of broad interest and significance across the state.

- C. Convene roundtables of MPO staff and subject matter experts to discuss how MPOs can best prepare for these emerging issues.
 - D. Prepare fact sheets and supporting materials outlining how MPOs can prepare for emerging issues.
4. Long Range Transportation Plans
- A. Support member MPO efforts to integrate TSMO-supportive commentary and recommendations into their long range/metropolitan transportation plans including:
 - Importance of interagency coordination and collaboration,
 - Identification of the capabilities that regional TSMO partners want to develop and the associated ITS field instrumentation deployments needed to support those capabilities, and
 - Impacts of recent trends and emerging technologies.
 - B. Provide TSMO resources for member agencies to use when revising/updating their long range/metropolitan transportation plans.
 - C. Produce a fact sheet listing key TSMO-supportive concepts for MPOs to consider integrating into their long range/metropolitan transportation plans.
 - D. Review and comment on member agency draft TSMO-related materials on an as-needed basis.
5. Congestion Management Process (CMP)
- A. Provide TSMO resources for member agencies to use when revising/updating their CMPs.
 - B. Produce a fact sheet discussing key TSMO-oriented congestion management strategies for MPOs to consider integrating into their CMP.
 - C. Review and comment on member agency draft CMP-related materials on an as-needed basis.