

CURRENT SELECT UNIFIED PLANNING WORK PROGRAM PROJECTS

Project Status Briefing

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TPB Technical Committee
February 2, 2024

Presentation Overview

Project/task highlights for the current year FY 2024 Unified Planning Work Program (UPWP)

Focus topics for FY 2024:

- Equity and Access
- Safety
- Climate Change
- Data Collection and Analysis
- Public information tool



Analysis of Transportation Inequities in Disadvantaged Communities

Identify mobility and accessibility challenges traditionally disadvantaged communities may be experiencing today

- Aimed to respond to the many questions received during federal Environmental Justice analysis of Visualize 2045
- Goal is to think beyond EJ requirements and identify equity findings for today to help identify future projects, programs, and policies
- Present findings and web-based interactive tool by Summer 2024



2024 Regional Safety Study

- A “deep dive” analysis of regional crash data and qualitative information to better understand roadway crashes in the region. Report follows the 2020 study.
 - Study is anticipated to provide insights into the nature, frequency, and location of fatal and serious injury crashes.
 - Effort will produce a detailed report, as well as an update of safety strategies recommended in Resolution R3-2021.
 - A final report is anticipated in approximately one year.
 - Interim reports will be delivered during the period of performance.
 - Findings will enhance regional understanding of roadway crashes and inform other TPB safety activities and policy decisions.
 - Study will complement other safety activities during the year.



Implementation Considerations for On-Road Transportation Greenhouse Gas (GHG) Reduction Strategies

- Builds on work conducted under the TPB’s Climate Change Mitigation Study (CCMS) of 2021, which analyzed the GHG emissions reduction potential of transportation scenarios, and the TPB Resolution R18-2022 on the Adoption of On-Road Transportation Greenhouse Gas Reduction Goals
- Will focus on the seven strategies that the TPB designated for “further exploration in coordination at the local and state levels” in R18-2022
- TPB Tech will be asked to review the list of strategies for study as well as the “priority implementation considerations” that will be addressed for each
- The final report for the study is expected by summer 2024



Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy

- The Regional Electric Vehicle Infrastructure Implementation (REVII) Strategy is being developed to support state and local governments as they prioritize locations for publicly accessible electric vehicle (EV) infrastructure deployment to support the adoption of light-duty EVs in the region
- Two components:
 - Light-duty EV projections that will be used to calculate the approximate number of EV charging stations needed to support future light-duty EV adoption in the region
 - Charging station priority location map that will help identify locations to deploy the estimated number of needed charging stations
- Final report and GIS map are expected in late spring 2024



Transportation Resilience Study – Phase II

- Building upon previous efforts in 2021 and 2022, TPB staff initiated Phase II of the Transportation Resilience Study, which includes several major deliverables:
 - Transportation Resilience Improvement Plan (TRIP) to prepare TPB members for PROTECT funding, final plan expected June 2024
 - Regional Transportation Resilience Planning forum, held October 2023
 - Regional interactive transportation resilience mapping tool, completed December 2023
 - Risk-based vulnerability assessment, completed January 2024
 - Resilience project guidance document issued to stakeholders, project submissions due February 14, 2024



Coordinated Transit On-Board Data Collection

- Transit trip data (characteristics of the trips and those persons making the trips) are needed to support regional travel demand forecasting and travel trends analyses.
- Staff will provide coordination and technical services to the region's public transportation providers to assist them with collecting transit on-board data.
- Presentations made to the Regional Public Transportation Subcommittee, the Travel Forecasting Subcommittee, and the TPB Technical Committee describing the proposed activities.
- Staff will engage with regional public transit agencies to solicit commitment to their participation and identify what technical support may be needed from TPB.
- A final regional dataset of transit on-board information can be used by TPB as well as numerous partner agencies and stakeholders.



Regional Travel Survey

- TPB's single largest data collection effort is the Regional Travel Survey (RTS), which has been undertaken once a decade for more than 50 years.
- Staff proposes conducting the RTS more frequently to obtain important information on regional travel characteristics in a more timely manner.
- During FY 2024, following the decision to conduct the survey more frequently, staff began developing the work plan and consultant scope of work to enable TPB to conduct the reformatted RTS more frequently, starting in FY 2025.



Intercity Bus and Passenger Travel Study

- Federal regulations require MPOs to consider intercity bus travel in regional transportation planning
- TPB staff developed a scope of work and intends to award a task order for consultant support to update and expand on previous TPB work on intercity bus travel to also include passenger rail
 - Examine both publicly-funded and private intercity travel services as well as commuter bus and rail services
 - Collect intercity travel data and information for ongoing and future intercity analyses
 - Produced interactive map to support regional and local planning
 - A final report is anticipated in approximately one year



Travel Monitoring and Trends Analysis

- Staff continues to develop tools and procedures to effectively monitor and analyze regional travel to support transportation planning. Several notable activities include:
 - “Big Data” products were acquired from several qualified vendors to test, evaluate, and incorporate into regional travel trends monitoring and analysis activities.
 - Enhanced visualizations and data products have been developed to support myriad programs. (e.g. National Capital Trail Network webmap).
 - Enhancing the Regional Travel Survey (RTS) program to collect regional travel data on a more frequent/ongoing basis--staff is developing a scope of work to commence new RTS activities in FY 2025.
 - 2023 Washington-Baltimore Regional Travel Survey completed.



Regional Activity Centers Update

- By policy, COG updates the map of Regional Activity Centers (RACs) following each major round of the Cooperative Forecasts
 - COG Board of Directors approved the Round 10.0 Cooperative Forecasts in FY 2023
- During FY 2024, COG staff developed a work plan for updating the Regional Activity Centers Map
- Under the oversight of COG's Planning Directors Technical Advisory Committee, staff has applied the criteria used to identify RACs using updated data
- COG Board approval of updated RACs anticipated in early FY 2025



A People's Guide to Transportation Decision-Making in the National Capital Region

- Assistance in explaining and understanding the transportation decision-making process.
 - A booklet that covers how, when, and where transportation decisions are made in the region, who is involved, the TPB's role in coordination, and how community members can participate in the planning process.
 - The 36-page guide will be posted online and printed for TPB committee members and the public.
 - The PDF is available on the COG/TPB website's Getting Involved & Public Comment page. Printed booklets will be available by early March 2024.
 - Share the guide with local leaders, staff members, advisory groups, and in community newsletters.



Next Steps

- Focus topics for FY 2024:
 - Equity and Access
 - Safety
 - Climate Change
 - Data Collection and Analysis
 - Public information tool
- Visualize 2050 Underway
- Stay Tuned For Committee Presentations!



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