



MEMORANDUM

TO: Transportation Planning Board Technical Committee
FROM: Katherine Rainone, Transportation Resilience Planner
SUBJECT: Regional Transportation Resilience Subcommittee
DATE: September 30, 2024

The Transportation Planning Board (TPB) will be asked to approve a resolution to establish the Regional Transportation Resilience Subcommittee at its meeting on October 16, 2024. The TPB has been hard at work on many transportation resilience planning initiatives and this action will formalize the TPB's regional coordination and collaboration work in transportation resilience planning.

The mission of the Regional Transportation Resilience Subcommittee will be to provide a forum and framework for the coordination of transportation resilience planning throughout the National Capital Region and to continue to incorporate resilience into the National Capital Region Transportation Plan (NCRTP) and Transportation Improvement Program (TIP).

BACKGROUND

Recent emphasis at the federal level on transportation agencies to consider resilience to the impacts of climate change in their transportation planning process with new grant programs and planning emphasis areas, paired with increasing importance of doing so in the face of intensifying and increasing natural weather events impacting regional transportation systems, has led to the creation of TPB's Transportation Resilience Planning Program. The first major products to come out of the program are the National Capital Region Transportation System Climate Vulnerability Assessment and the National Capital Region Transportation Resilience Improvement Plan (TRIP).

One major element of the FHWA PROTECT program is the Transportation Resilience Improvement Plan (TRIP), a comprehensive plan for state or regional transportation resilience with at least the major components of: a systematic approach to transportation system resilience, a risk-based vulnerability assessment, an investment plan, and a list of transportation resilience projects. Developing a TRIP can lower the non-federal construction match for projects funding by the PROTECT program from 20% to 13% and integrating that TRIP into the LRTP can reduce the match to 10%.

Together with member jurisdictions and agencies, TPB developed a regional TRIP as part of the second phase of its transportation resiliency study, which was approved by the TPB Board in June 2024 and by FHWA in July 2024. FHWA noted the plan was excellent and will serve as an example for other MPOs interested in preparing Resilience Improvement Plans of their own.

REGIONAL TRANSPORTATION RESILIENCE SUBCOMMITTEE FORMATION

A major, and important, component of the regional TRIP was the collaboration between TPB member agencies and jurisdictions through the working group, the technical advisory committee for the project. Through five meetings over the course of the 12-month project, regional transportation planning and resilience planning representatives gathered to provide feedback on the methodology



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for the climate risk and vulnerability assessment portion of the TRIP, as well as provided contextual information and edits to the TRIP final products themselves. Additionally, the group discussed the need for other analyses and projects at a regional level and shared amongst the group projects they were working on or planning for, many of which are included in the prioritized project list in the TRIP. The unique collaborative and convening nature of the MPO makes TPB the perfect organization to host quarterly regional meetings for TPB members to convene to discuss topics of resilience planning as it relates to transportation in the National Capital Region.

As noted in the attachment below, the mission of the Regional Transportation Resilience Subcommittee is to provide a forum and framework for the coordination of transportation resilience planning throughout the National Capital Region and to continue to incorporate resilience into the National Capital Region Transportation Plan (NCRTP) and Transportation Improvement Program (TIP). Through collaboration, coordination, and strategic planning, the subcommittee aims to enhance the resilience of transportation systems and infrastructure, mitigate potential current and future risks, and build community resilience with a focus on equity to better adapt to impacts from natural hazards, and potentially in the future, other unforeseen challenges.

The document below contains the mission, goals and objectives, membership information, governance, and meeting schedule for the newly formed subcommittee. The first meeting will take place in a hybrid fashion on November 14 from 2-4 pm.

Please email any comments or questions on the proposed subcommittee to Katherine Rainone, krainone@mwcog.org.



**National Capital Region Transportation Planning Board (TPB)
Regional Transportation Resilience Subcommittee**

MISSION

The mission of the Regional Transportation Resilience Subcommittee is a) to provide a forum and framework for the coordination of transportation resilience planning throughout the National Capital Region, and b) to incorporate resilience into the National Capital Region Transportation Plan (NCRTP) and Transportation Improvement Program (TIP). The subcommittee aims to foster robust and adaptive transportation systems in the National Capital Region that have the ability to anticipate, prepare for, or adapt to conditions or withstand, respond to, or recover rapidly from disruptions, ensuring the continuous movement of people, goods, and services. Through collaboration, coordination, and strategic planning, members aim to enhance the resilience of transportation systems and infrastructure, mitigate potential current and future risks, and build community resilience with a focus on equity to better adapt to impacts from natural hazards, and potentially in the future, technological failures and other unforeseen challenges.

COMMITTEE OBJECTIVES

1. Create a space for transportation and resilience planners in the NCR to share information on local resilience projects that are currently underway or are being planned
2. Create a space for transportation and resilience planners in the NCR to collaborate on issues of regional significance
3. Guide regional transportation resilience analysis and study priorities – help TPB choose which projects to pursue and serve as advisory body for those studies
4. Expand regional capacity by facilitating presentations, workshops, and other means of sharing best practices in the transportation resilience field.

COMMITTEE MEMBERSHIP

Membership from representatives of all TPB members is encouraged, including from any regional or local agencies that submit projects to the Transportation Improvement Program (TIP), or whose work relates to transportation resilience planning. Participating subcommittee members will ideally be at the principal planner level.

The subcommittee will coordinate with and engage the following categories of member localities and agencies as subcommittee members, which is currently planned to include a maximum of 25 individuals representing:

- TPB Member Jurisdictions
- TPB Member Agencies
- Regional Transit Agencies/Authorities
- Regional Planning Organizations



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The Chair of the subcommittee will be a TPB member agency or jurisdiction. Members of the subcommittee will be representatives of the above categories, Ex-Officio members work for federal, state, or local agencies, and transit providers. All other interested parties are welcome to learn more about the topic in an information-only capacity by watching the livestream meetings and reading meeting materials posted to the subcommittee website.

GOVERNANCE AND MEETING SCHEDULE

Governance of this committee will follow standard TPB protocols. The subcommittee will be established by the TPB as a subcommittee of the TPB Technical Committee, with a quarterly meeting schedule. A chair will be nominated by staff and will rotate on an annual basis between states, and a member of the TPB staff will be designated as the lead staff person for the subcommittee. Annual work activities will be developed for inclusion by the TPB in the Unified Planning Work Program (UPWP).