



MEMORANDUM

To: Transportation Committee

From: CMAP staff

Date: November 14, 2025

Subject: Update on the Transportation Resilience Improvement Plan

Action Requested: For information

CMAP staff will update the Transportation Committee on the development of the Transportation Resilience Improvement Plan (TRIP) for northeastern Illinois. Last November, the team published the first risk-based vulnerability assessment of the transportation system. Since then, the team has developed a draft plan, which is undergoing final review.

At the November meeting, staff will provide an overview of the plan and planning process, highlight key sections, and discuss the process for providing review and comment on the [draft plan](#) by November 21, 2025. **Please provide comment either in the meeting or by using this template by the November 21st deadline. If using the template, please send it to Kate Evasic (kevasic@cmap.illinois.gov).**

Plan overview

The plan is organized into six core sections as described below. Text in italics highlights areas where committee members may wish to focus their review, based on relevance to the committee's role and the degree to which content has been shared in previous meetings.

- **Executive summary** – Presents a high-level summary of the plan, the vulnerability of northeastern Illinois' transportation system to climate hazards, and how the system can become more resilient.
- **Introduction** – Makes the case for resilience investments by describing recent climate impacts, as well as outlines the plan purpose, goals, and approach.

Content for focused review: Plan overview, Approach to TRIP development

- **Context for transportation resilience planning** – Situates TRIP within the context of existing resilience and transportation planning initiatives in the region.

- **Understanding vulnerability** – Summarizes the approach and key findings of the risk-based vulnerability assessment, which identifies the key climate-related risks and where they impact the system.
- **Advancing resilience** – Identifies both specific projects that should be prioritized for investment in the near-term, as well as strategies that can be employed going forward to continue to increase resilience.

Content for focused review: Priority projects for investment, Organizational resilience strategies

- **Looking ahead: TRIP implementation** – Highlights the key implementation steps for TRIP, details on monitoring progress and impact, and potential future enhancements.

In addition to the plan itself, the planning process produced data, tools, and information to inform future planning and decision-making. These unique TRIP outputs include the following:

- A **2D flood model** that incorporates mid-century precipitation projections
- A spatial analysis of the **impact of extreme heat** on transit riders
- A tool to **analyze the economic impact** of flooding (tested at 5 locations)
- **Scoring methodology** to evaluate projects based on their resilience need and impact
- Guidance for using future **precipitation projections in project design**
- Case studies for using **precipitation projections to analyze the effectiveness of flooding solutions**
- Shortlist of potential **resilience indicators** for CMAP and regional partners to track progress

Next steps

CMAP has submitted a draft of the plan to FHWA for review and confirmation that it meets the requirements of a resilience improvement plan under the PROTECT program. Following the November Transportation Committee meeting and FHWA review, staff will incorporate feedback into the final Transportation Resilience Improvement Plan for presentation to the CMAP Board and MPO Policy Committee in early 2026 and, subsequently, submittal to FHWA for final certification.