

TPB Congestion Management Process and Transportation Management Area Coordination

23 U.S.C. 134(k)(3) and 23 CFR 450.322 (CMP Requirements)
23 CFR 450.324(f)(5) (Associated Management and Operations Requirements)

TPB Process

The TPB conducted a Congestion Management Process (CMP) in support of the Visualize 2045 (2022) long-range metropolitan transportation plan (LRTP), in accordance with federal law and regulations. The results of this process are included in [Chapter 8: Planning for Performance](#) and a description of the CMP's federal compliance and impact on plan development constitutes [Appendix E](#) of the Visualize 2045 plan.

In addition to TPB's CMP for its area, FAMPO maintains a CMP for its portion of TMA urbanized area. FAMPO and TPB CMPs differ because the agency roles in project selection differ. TPB must pursue a multi-state approach focusing on technical information and regional-level programs, and CMP documentation through TPB's [Technical Inputs Solicitation](#), whereas FAMPO actions are within a single state (Virginia), and in accordance with Virginia-specific project selection procedures.

TPB CMP components pursuant to federal regulations and reflected in Visualize 2045 include:

- Monitoring and evaluating system performance
- Implementing and assessing strategies
- Compiling project-specific congestion management information.

Along with TPB's CMP in the Visualize 2045 plan, TPB staff produced biennial [CMP Technical Reports](#) in 2020 and 2022. These reports provided a wealth of information on congestion conditions, as well as congestion management strategies considered or pursued in the region addressing both demand management (featuring TPB's [Commuter Connections](#) Program) and operations management. TPB recommended review of the reports' technical information as member agencies consider their inputs to the Technical Inputs Solicitation.

TPB's longstanding partnership with the [Metropolitan Area Transportation Operations Coordination](#) (MATOC) Program continued, addressing both regional operations coordination (for both roadways and transit) and Traffic Incident Management (TIM).

What Is New?

- Visualize 2045's *Chapter 8: Planning for Performance* tied together TPB's longstanding CMP activities with metropolitan [PBPP](#) and data analyses activities.
- TPB monitored the [COVID-19 pandemic's impacts on traffic and transit ridership](#), and plans to continue to do so to discern any ongoing impacts/shifts for travel/commuting.

Products/Studies/Projects

- CMP analyses continue to benefit from vehicle probe data made available through the Eastern Transportation Coalition (formerly I-95 Corridor Coalition) and the federal National Performance Management Research Data Set (NPMRDS). TPB will explore both multi-year historic analysis now that over ten years-worth of data have become available, as well as exploring additional, emerging "big data" sources for new insights on congestion management and travel.