

2045 Metropolitan Transportation Plan (MTP)

Key Sections in the 2045 MTP Full Report

The full report for the 2045 MTP is lengthy and detailed. Readers should note that there is an executive summary in the front of the report, and the last page of each chapter has a short summary of the chapter called “key points from this section” to help expedite their review. In addition, this document highlights the key sections of the full report.

The Foundation

The DCHC MPO Board approved the most important plan elements at their December 2017 meeting and these elements are found in the following sections:

- Goals/Objectives/Performance Measures – Chapter 4, “Our Vision and How We Will Achieve It”
- Projects – Highway, fixed-guideway and other transportation projects are discussed in chapter 7, “Our Metropolitan Transportation Plan,” and presented in detail in appendices 1 through 4.
- Financial Plan – Chapter 8, “Our Financial Plan”

Official SE Data and TRM

- Section 6.2 presents the official socio-economic forecasts (SE Data) that will be used for the Triangle Regional Model (TRM), and many future area and corridor studies, and other planning efforts throughout the jurisdictions and counties in the Triangle.
- Section 5.3 presents the official Triangle Regional Model (TRM) that will be used by the MPOs, NCDOT, transit systems, consultants and other agencies to forecast travel demand for long-range plans, transit grant applications, feasibility studies, environmental impact studies, and other studies that require travel demand forecasts.

Complete Streets

Section 7.5 and appendix 5 state the MPO’s policy to use complete street design concepts and safety countermeasures to create a transportation system that is multimodal, sensitive to the local context and safer.

Related Plans

- Section 5.4, “Related Plans and Studies,” summarizes the many completed corridor, transit, and long-range plans and feasibility studies that provided input to the 2045 MTP. Examples include the FEIS/ROD for the Durham-Orange Light Rail Transit, the DCHC MPO Comprehensive Transportation Plan (CTP), the NC 54/I-40 Corridor Study, and many local bicycle and pedestrian plans.
- Section 7.12, “Recommended Special Plans, Projects and Studies,” summarizes studies that the MPO plans to complete in the near future to provide input into the next long-range planning effort. Examples include the US 15-501 Corridor Study and the Triangle Strategic Toll Study.

Environmental Justice

Section 9.2 is the Environmental Justice analysis, which intends to avoid disproportionately adverse impacts to low-income and minority populations based on the projects in the 2045 MTP.

Air Quality Conformity

A conformity determination demonstrates that the emissions projected from the transportation sector, which would result from the 2045 MTP, are within state-set emission limits. Although the DCHC MPO is no longer required to conduct a conformity determination, in the final full report, section 9.1 will present the results from a completed air quality conformity determination.