

Discrete Planning Studies

The project descriptions in this section describe the discrete studies chosen by the MPO for funding in FFY 2027. As described in Chapter 2 and Appendix C, discrete study proposals are assessed by MPO staff and the UPWP Committee based on their feasibility, alignment with the MPO’s priorities, and how well they address the goals established in the Long-Range Transportation Plan. To help evaluate these studies, staff also classify them into the following categories: active transportation; land use, environment, and economy; roadway and multimodal mobility; transit; community transportation access; transportation impact mitigation; and other technical work. Each of the project descriptions on the following pages begins with a funding table that shows the study category, total budget, and schedule.

Roadway Pricing Technical Evaluation: Iterative Scenario Analysis

Category	Roadway and multimodal mobility
FFY 2027 Total Budget	\$75,000
Schedule	October 2026 through September 2027

Responsible Parties

Boston Region MPO staff

Purpose

In FFY 2025, MPO staff completed a [study](#) that evaluated available data and tools to understand their suitability in estimating the impacts of roadway pricing. Through this effort, the MPO developed a conceptual roadway pricing scenario and assessed how available data and tools could be applied to measure potential impacts on congestion, revenue, and equity in the region. MPO staff will build upon this recent study and complete an iterative roadway pricing analysis.

Approach

Using travel demand models, Replica (a large mobility data provider), and other available data, MPO staff intend to evaluate variations on the conceptual roadway pricing framework analyzed in the FFY 2025 study. This iterative approach will reveal the tradeoffs between different roadway pricing scenarios. MPO staff will also evaluate the equity impacts of the status quo of free road access.

FFY 2027 Anticipated Outcomes

The anticipated outcome of this study is a white paper describing the scenarios evaluated and the impacts of roadway pricing scenarios on vehicle miles traveled, transit ridership, air quality, and revenue generation. These metrics will be further evaluated to understand the variations in geographic and demographic impacts of roadway pricing across the Boston region.