

LOCATION:

Brookline, MA

CLIENT:

Town of Brookline
Department of Planning & Community
Development

PROJECT TYPE:

Transportation Analysis

PROJECT SUMMARY:

- Transportation Planning
- Master Planning
- Public Outreach
- Parking Inventories & Utilization
- Trip Generation

The Coolidge Corner neighborhood, a dense mixed-use neighborhood in the heart of Brookline, has experienced substantial growth and development in recent years which has impacted the transportation network in the area. The Town of Brookline hired Traffic Solutions to analyze the existing multi-modal transportation network and recommend improvements. The study focus included the existing roadway network, the transit system, parking supply, bicycle and pedestrian connections, and circulation patterns within Coolidge Corner.

Major components of this study included investigating the development patterns in the neighborhood, creating an inventory of the public parking supply and its utilization, and evaluating the relationship between the various modes of transportation.

The first component of the analysis identified the larger development sites in the neighborhood and their potential build-out, and explored the more incremental development patterns in the neighborhood. This allowed the firm to better understand parking demand and supply for new construction and the impact of parking requirements under zoning for new construction.

With residents, employees, shoppers, and visitors frequenting the neighborhood, all with different parking requirements and expectations. Traffic Solutions analyzed the parking demand at different times of the day, the various users, and the gap between supply and demand; the firm then created a balanced parking management strategy that considered all parking space users.

The final component of the study focused on connecting the various modes of transportation more efficiently. Ridership numbers, scheduling, connections and destinations, and strategies to enhance service and mitigate impacts were examined. Suggestions for cost effective enhancements to the transportation network and infrastructure, potential mitigation measures, and creative transportation demand measures were all provided.

