



Representative Projects

- Inman Square Intersection Safety Improvement Project
- Kendall Square Urban Renewal Area Streetscape Redesign
- Design Services for the Kendall Square/Main Street Project
- Willard Street Drainage Improvement Project
- City of Cambridge Transportation Planning and Engineering On-Call Services
- Huron "B" Roadway Planning and Design
- Waverly Street Extension Multi-use Path
- Western Avenue Post-Construction Evaluation

Services

- Multimodal safety improvements
- Bicycle & pedestrian accommodation
- Concept design
- Final design
- Bus stop & bicycle integration
- Separated bicycle lane design
- Complete Streets design
- Protected intersection design
- Multi-use path design
- Level-of-service analysis
- Bicycle counts
- Public outreach

PROJECT OVERVIEW

McMahon has extensive experience planning for and designing bicycle facilities in Cambridge, MA. We have been part of multiple streetscape and intersection redesign projects throughout the City, including the *Inman Square Intersection Safety Improvement Project* and *Kendall Square Urban Renewal Area Streetscape Redesign*. Many of our projects include analyzing complex urban intersections in vibrant commercial and residential areas that have high demand for multimodal solutions. In both Inman Square and Kendall Square our multimodal improvements include the design of separated bicycle lanes and protected intersection treatments.

Our approach to bicycle planning and design is comprehensive and multimodal. We design bicycle facilities in conjunction with bus stops, pedestrian improvements, and vehicle signals. As part of the *Kendall Square/Main Street* project, we developed design plans to reconstruct Main Street with a new connection to Third Street, with state of the art bicycle treatments, including bicycle-only signals and two-stage bicycle left turns, and a new pedestrian crossing on Main Street. We also designed on-street bike lanes with a buffer zone, shared lane markings, and bike boxes, in conjunction with designs for bus stop curb extensions, as part of the *Huron "B" Roadway Planning and Design* project.

McMahon also has on-going experience with collecting bicycle count data through completing the *City-wide bi-annual bicycle count program* in 2012, 2014, and 2016.

