BOSTON BICYCLE PLANNING & DESIGN

City of Boston, MassDOT & DCR | Boston, MA

Representative Projects

- Boston Crossroads Initiative
- Mt. Vernon Street Re-Design
- Casey Arborway
- Fairmount Indigo Planning Initiative
- Hyde Park Neighborhood Strategic Plan
- Jamaica Plain – Centre/South Street Action Plan
- Neponset River Greenway
- Morrissey Boulevard Reconstruction

Services

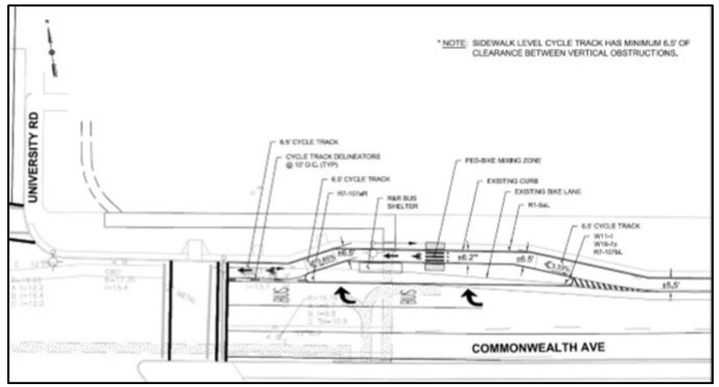
- Separated bicycle lane design
- Bike signal design & timings
- Complete Streets planning & design
- Multimodal transportation improvements
- Bicycle & pedestrian accommodation
- Transit-oriented development (TOD) planning
- Concept design
- Final design
- Cost estimates
- Bid documents

PROJECT OVERVIEW

McMahon has been planning and implementing bicycle improvements throughout Boston for the past decade. This experience is cumulatively building the overall bicycle transportation network for the city through several roadway planning and design projects. For the ***Boston Crossroads Initiative,*** McMahon planned and is designing separated bicycle lanes along Summer Street to connect the growing South Boston Waterfront district with the Greenway and the downtown business district. As part of the ***Morrissey Boulevard Reconstruction*** in the Dorchester neighborhood of Boston, McMahon reviewed desire lines and connections to regional trails to plan the pedestrian and bicycle network along this DCR boulevard within the City of Boston. The plan served as the basis for developing comprehensive, multimodal improvements to help improve corridor and intersection safety, separated bicycle facilities and better pedestrian accommodations.

As planners and engineers, McMahon fully understands the challenges of integrating bicycle infrastructure into existing roadways that must accommodate multiple modes. For the ***Commonwealth Avenue Bridge Replacement,*** McMahon developed enhanced bicycle and pedestrian accommodations, supplemented with innovative solutions such as floating bus islands to more safely accommodate bicycles at transit stops. In order to improve multi-modal operations on ***Mount Vernon Street,*** proposed enhancements developed by McMahon include: sidewalk level one-way separated bicycle lanes on each side of the roadway, bicycle signals at intersections, physical buffers and delineation between pedestrians and cyclists, and enhanced connections to existing and future pedestrian and bicycle infrastructure, connecting UMass Boston with Dorchester and public transportation.

McMahon has been a key member of the planning and design team for the ***MassDOT Casey Arborway*** project which is replacing the Casey Overpass on the Arborway in Boston with an at-grade, multimodal alternative. McMahon integrated bicycle and pedestrian facilities into the design, including bicycle signals, bicycle crosswalks, and the development of a modern, bicycles-only roundabout to enhance local access and connections to the Southwest Corridor Park, with its heavily used bicycle facility connecting the Jamaica Plain neighborhood to downtown Boston.



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