RAISED INTERSECTIONS

massDOT
Massachusetts Department of Transportation



ADVANTAGES

All crosswalks have raised crossings, with improved pedestrian visibility and comfort and reinforced priority.

Calms speeds on two streets at once.

TYPICAL LOCATIONS

Unsignalized collector-local and local-local intersections. Installed in both dense urban and suburban context at multi-leg intersections.

CONSIDERATIONS

Requires drains on legs with water flowing toward the intersection.

With gradual sloped ramps, these can be used on bus routes and emergency response routes.

Need for sidewalks on all approaches where crosswalks intersect.



EXPERIENCES FROM AROUND THE COMMONWEALTH

Rt 9, Amherst
85th percentile speed reduction from 39 to 27 mph was achieved.

Needham Street, Dedham
At Riverdale Elementary School, instead of a raised crossing, the town installed a raised intersection, which is smoother for traffic but also creates a sense of place.

Concord and Springfield Streets, Somerville
Steep ramps at this raised intersection make crossing pedestrians feel safe in spite of the long crosswalks.