

LOCATION:

Watertown, MA

CLIENT:

Town of Watertown

PROJECT TYPE:

Roadway Reconstruction

PROJECT SUMMARY:

- Safety Improvements
- Roadway Alignment Improvements
- Pedestrian Accomodations

Traffic Solutions was retained by the Town of Watertown to design roadway reconstruction and safety improvements along Common Street. Common Street is a 0.8 mile long roadway extending through densely residential neighborhoods and adjacent to Watertown High School.

Work included grading and alignment improvements and ADA/AAB compliant pedestrian accommodations. Geometric improvements were proposed at the five-legged intersection of Common Street at Orchard Street and Church Street. The intersection was previously expansive in area, lacked delineation, and provided poor sight distance. A roundabout was designed for the location to accommodate the traffic, reduce speeds, and provide safe access for approaching side streets and adequate sight distance.

Geometric improvements were also proposed at the delta formed by Common Street, Spring Street, and Marion Street. The skewed series of intersections around the delta were eliminated and replaced with a single conventional approach to Common Street with safer turning movements.

