

**LOCATION:**

Merrimac, MA

**CLIENT:**

Town of Merrimac  
Department of Public Works

**PROJECT TYPE:**

Roadway Reconstruction / Town Center  
Improvements

**PROJECT SUMMARY:**

- ▶ Geometric Design
- ▶ Town Center Alternatives
- ▶ Pedestrian Improvements
- ▶ Parking Accommodations

The Town of Merrimac retained Traffic Solutions to plan and design the reconstruction of a one mile section of Route 110 as well as Merrimac Center. Traffic Solutions has also been assisting the Town in getting the project included on the State Transportation Improvement Plan (STIP) through the Executive Office of Transportation (EOT). The project is being designed in conformance with the latest MassHighway design criteria with submissions conforming to standard MassHighway procedures.

Previously, the Center consisted of an expansive area of pavement that provided angled on-street parking along Route 110 and lacked channelization. Drivers experienced poor operation when entering the Center; a high accident rate was recorded. Narrow sidewalks and long crosswalks resulted in a pedestrian un-friendly environment.

Traffic Solutions presented numerous alternatives for the Center that would improve safety and operations for both vehicular traffic and pedestrian traffic as well as provide aesthetic improvements and minimize impacts to parking. Ultimately, following coordination with the Town and MassHighway, a roundabout was proposed and designed. Since parking is essential for the well being of the small businesses within the Center, the concept maximized all parking opportunities through creative alternatives while eliminating the safety issues associated with angled parking along Route 110.

