

**CULVERT AND ROADWAY UPGRADE AT WEST STREET OVER THE PARKER RIVER  
GEORGETOWN, MA**

*Client:* Town of Georgetown, MA

*Project Manager:*

**Andrew A. Stack, P.E.**

This project involved the replacement of an existing undersized 4'W x 3'D Stone Culvert with a 10'W x 6'D Precast Concrete Box Culvert and raising portions of the roadway grade approximately two vertical feet to above the existing flood plain elevation. Additionally, the work includes retaining wall construction, sidewalk construction, roadway reconstruction, guardrail construction, future water main sleeve installation, existing water main upgrades, roadway intersection realignment, wetland replication, and implementation of a turtle protection plan due to the priority and estimated habitats located in the project area.

The project tasks included the filing of a FEMA/MEMA Hazard Mitigation Grant Program (HMGP) Application which was approved for funding, preparation of engineered construction plans, existing utility research, contract document and specification preparation, environmental permitting, bid solicitation and award, submittal review, periodic inspections during construction and general grant and construction management.

Work also included the coordination of the Town's In-Kind 25% contribution which was comprised of Chapter 90 Roadway monies, DPW furnished roadway materials and in-kind services through Town employee use for the project. Construction is anticipated to begin in late August 2013.

**The total estimated value of the designed facilities is \$340,000. Total HMGP Grant Award (75% of Project Cost) was for \$255,000.**

