

## PINE BROOK CULVERT REPLACEMENT EAST HAMPTON, CT

### CLIENT:

Town of East Hampton, Connecticut  
20 East High Street, East Hampton, CT 06424

### Reference:

James P. Carey – Building Director  
860-267-9601

### PROJECT HIGHLIGHTS:

**Location:** East Hampton, Connecticut  
**Project:** Replace an existing failed culvert with  
2-15'x9' steel arch culverts  
**Status:** Completed in 2011  
**Total Project Cost:** \$300,000

### SERVICES PROVIDED:

- Conceptual Planning and Construction Cost Estimating
- Hydraulic Analysis
- Final Design & Engineering
- Local Permitting
- State and Army Corp Permitting
- Construction Drawings & Specifications
- Construction Administration & Inspection

### DESCRIPTION:

CLA Engineers, Inc. provided civil and structural engineering services for the replacement of a deteriorating corrugated metal culvert carrying Pine Brook Road over the Pine Brook with a 12.6 square mile watershed.

CLA provided topographic survey, soil investigations, planning, design, engineering, permitting, construction administration, and inspection.

Conceptual culvert designs including construction cost estimates were provided to the Town to determine the most efficient and cost effective bridge design alternative. CLA Engineers provided the design of the two 15'x9' steel pipe arch culverts with gabion wing walls.

