

## MONTVILLE ROAD CULVERT REPLACEMENT MONTVILLE/NORWICH, CT

### CLIENT:

**Town of Montville, Connecticut**  
310 Norwich-New London Turnpike  
Montville, CT 06382  
**City of Norwich – Co-applicant**

### Reference:

Donald Bourdeau – Public Works Director  
860-848-7473

### PROJECT HIGHLIGHTS:

**Location:** Montville/Norwich, Connecticut  
**Project:** Replace an existing 96” corrugated metal culvert with double concrete box culverts  
**Status:** Completed in 2015  
**Funding:** CT DOT Local Bridge / STEAP  
**Total Project Cost:** \$500,000

### 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 96” corrugated metal culvert carrying Montville Road over Trading Cove Brook between the Towns of Montville and Norwich with an eight a square mile watershed.

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

Conceptual bridge designs including construction cost estimates were provided to the Towns to determine the most efficient and cost effective bridge design alternative. CLA Engineers provided the design of 12’ and 16’ precast concrete box culverts which allowed for efficient dewatering and diversion of water and quick construction.

The project was funded by the State of Connecticut DOT Local Bridge Program and STEAP.

