

LACROIX ROAD BRIDGE REPLACEMENT SPRAGUE, CT

CLIENT:

Town of Sprague, Connecticut
1 Main Street, Baltic, CT 06330

Reference:

Catherine Osten – First Selectman
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PROJECT HIGHLIGHTS:

- Location:** Sprague, Connecticut
- Project:** Replace an existing deteriorated bridge over Beaver Brook with a new 18' box culvert
- Status:** Completed in 2011
- Funding:** CT DOT Local Bridge/USDA
- Total Project Cost:** \$400,000

SERVICES PROVIDED:

- Conceptual Planning and Construction Cost Estimating
- Hydraulic Analysis
- Final Design & Engineering
- Local Permitting
- State and Army Corp Permitting
- CT Local Bridge Program /USDA Funding
- Construction Drawings & Specifications



DESCRIPTION:

CLA Engineers, Inc. provided civil and structural engineering services for the replacement of a failed bridge on Lacroix Road over Beaver Brook with a watershed of ten square miles.

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

Conceptual bridge designs including construction cost estimates were provided to the Town to determine the most efficient and cost effective bridge design alternative. CT DOT local bridge program money in conjunction with USDA funding in addition to Town funding was utilized. CLA Engineers provided the design of a new precast concrete box culvert with precast concrete wing walls and headwalls.

