

RIVER ROAD: EAST BRIDGE REPLACEMENT KILLINGLY, CT

CLIENT:

Town of Killingly, Connecticut

172 Main Street, Killingly, CT 06239

Reference:

David Capacchione, P.E. – Director of Public Works
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PROJECT HIGHLIGHTS:

Location: Killingly, Connecticut

Project: Replace an existing deteriorated bridge over the Five Mile River with a new 70' span Bridge

Status: Completed in 2012

Total Project Cost: \$1,700,000

SERVICES PROVIDED:

- Conceptual Planning and Construction Cost Estimating
- Hydraulic Analysis
- Final Site 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 1930's bridge consisting steel and concrete superstructure over stone abutments. The existing bridge carried River Road over the Five Mile River. The watershed was approximately 51 square miles.

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

Conceptual bridge 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 a new steel truss superstructure on cast-in-place concrete abutments and wing walls which were supported concrete filled drilled piers.

