



## Client:

**Town of Killingly, Connecticut**  
PO Box 6000, Danielson CT 06239

## Reference:

**David Capacchione, P.E.**  
Public Works Director/Town Engineer  
860. 779.5359  
[dcapacchione@killinglyct.org](mailto:dcapacchione@killinglyct.org)

## CLA Project Engineer:

Robert DeLuca, P.E.

## Project Highlights:

**Status:** Completed 2015  
**Project Cost:** \$10,400,000  
**Services:** Study, Survey, Permitting, Design,  
Construction Administration & Inspection

## Key Features:

- USDA Funding
- Pipe Jacking under Railroad
- 500+ Services
- Depths greater than 20'
- State Highway work
- 30,000 linear feet of 8"-18" sewer main, and service replacement
- 10,000 linear feet using trenchless technology on 6"-21" sewer mains and services

## Key Challenges:

Permitting at all levels of government with multiple agencies involved.

## Danielson Sewer Replacement Projects, Killingly, Connecticut

### PROJECT DESCRIPTION:

The project consists of the replacement of various sections of the existing collection system located in the Danielson area of Killingly. An infiltration and inflow assessment of older portions of the collection system, specifically the Borough Collection System was conducted. Close inspection of certain sections of the gravity sewer mains indicate that they are in a state of disrepair. Through a selective bid process CLA Engineers Inc. was retained to prepare the USDA preliminary engineering report and the subsequent design. Due to the state of disrepair, the study determined that replacing the majority of existing sewers was the most prudent and feasible alternative. Trenchless excavation methods were utilized on portions of the sewer system. The following streets were included in the design scope: Broad Street, Carter Street, L'Homme Street, Mechanic Street, North Street, Main Street, Commerce Street, Furnace Street, Maple Street, Dyer Street, Center Street, Hawkins Street, Winter Street, Cottage Street and Academy Street. Some special design features included pipe jacking under a railroad at depths in excess of 20 feet, coordinating replacement of aged waterlines prior to sewer replacement, and incorporating roadway reconstruction and sidewalk replacement in several of the sewer replacement streets. CLA provided construction administration and inspection services.

