

Killingly Engineering Associates

Civil Engineering & Surveying



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Normand Thibeault, Jr, P.E.
LIC# PEN 0022834

PROFESSIONAL LICENSURE

Connecticut – Licensed Professional Engineer

PROFESSIONAL EXPERIENCE

2007-present
Principal/Partner
Killingly Engineering Associates
P.O. Box 421
Dayville, CT 06241

2006 – 2007
Senior Project Engineer
Provost & Rovero Inc.
57 East Main Street
P.O. Box 191
Plainfield, CT 06354

2004 -2006
Senior Project Engineer
CME Associates, Inc
110 Broadway
Norwich, CT 06360

1999 -2004
Project Engineer
CME Associates, Inc
110 Broadway
Norwich, CT 06360

1998-1999
Staff Engineer
Fuss & O'Neill
Manchester, CT 06042

EDUCATION

Bachelor of Science – Civil and Environmental Engineering – University of Connecticut, 1998

Aside from fundamental civil engineering, coursework included water & wastewater treatment, hydrology & fluid mechanics, environmental systems modeling, environmental toxicology & hazardous waste management.

SKILLS

AutoCad LDD and Civil 3D experience for 15+ years

HydroCAD Stormwater Modeling Software

HVAC-Calc Software

Excellent public presentation skills

- Feasibility studies
- On-site septic system design
- Engineering assessments for land use optimization
- Subdivision planning and design
- Drainage studies & floodplain analysis
- Water quality engineering
- Storm water management/ pollution prevention plans (SWPPP)
- Detention & retention facilities
- Pond design
- Roadway, drainage and utilities design
- Construction plans and specifications
- Site Development plans
- Construction cost estimates
- Local, state & federal permitting

PROJECT EXPERIENCE

Mr. Thibeault has 18 years of continuous design experience and has been involved in a wide range of civil design projects from simple residential septic systems, structural analysis, and site development plans to complex site evaluation, design and layout. Projects include large multi-family residential developments, commercial developments, municipal roadway and utilities projects, Stormwater management plans & design. Mr. Thibeault's experience includes hydrologic and hydraulic analysis and design, site master planning and layout, road layout, utilities and drainage design, construction inspection & stormwater sampling, expert witness testimony and regulatory and environmental permitting at the local through federal levels.

MAJOR PROJECTS

US Department of the Navy, New London, CT

As a result of an act of congress, all branches of the US armed forces participated in a 10-year effort to privatize all military housing and relinquish management to an independent housing contractor and management operation. In conjunction with the Benham Companies based out of Oklahoma City, OK, Mr. Thibeault managed the redesign and redevelopment of military housing facilities in New London, CT as part of an \$850 million dollar east coast reconstruction effort. The design included the construction of over 400 housing units, roadway design and redesign, utilities installations, stormwater quality updates, acquisition of state and federal permits as well as coordination with the Benham Companies national management representatives in Oklahoma.

Franklin Hills Estates & Country Club, Franklin CT

Course construction is currently underway and anticipated completion will be September 2018. Tasks for this project included grading, drainage & utilities design, access roadway & road for luxury villa development local permitting with the Town of Franklin, State and federal permitting with the Army Corps of Engineers as well as CTDEEP 401 Water Quality certification. Course is located at the headwaters of the Yantic River Watershed and careful consideration to construction stormwater management was critical to the design.

Matulaitis Nursing Home and Sisters of the Immaculate Convention, Putnam CT

Due to persistent septic failures of on site sanitary disposal systems, Mr. Thibeault pursued and obtained applicable local and state permits to tie into the existing Town sanitary sewer system for these two facilities. The project included the design and installation of two separate pump stations, the installation of more than 3,000 linear feet of sanitary force main overland through wooded terrain and installation of over 2,000 linear feet of gravity sewer line. Other than the permitting and design, Mr. Thibeault was also responsible for contract documents, project bidding, awarding of the contract and construction inspection. The project was completed within 2 months from the start.

Norwich River, LLC, Norwich, CT

The project included the design and permitting for nearly 300 condominium units along the Shetucket River in Norwich, CT. Mr. Thibeault was responsible for coordination of field survey work, site layout, hydrologic and hydraulic design of drainage systems and stormwater treatment systems, coordination with local utilities, CTDOT approvals and preparation of construction documents for this project. Phased construction began in 2008 and is continuing.

Eric Carle Museum of Picture Book Art – Amherst, MA

Founded in part by Eric Carle, the renowned author and illustrator of more than 70 books, including the 1969 classic *The Very Hungry Caterpillar*, The Eric Carle Museum of Picture Book Art is the first full-scale museum in this country devoted to national and international picture book art. Working with the architectural firm of Juster, Pope Frazier, Mr. Thibeault was initially retained to acquire local permits, coordinate with utilities companies and design parking and drainage. Located in the center of a former apple orchard, it was later determined that the soils on site were contaminated above acceptable levels with lead and arsenic, constituents of pesticides banned in the 1960's. Mr. Thibeault worked with the contractor and state officials as construction continued to expedite testing, removal and remediation of the contaminated soils without extending the timetable for completion of the project.

Additional Reference Projects

- Toutant Realty, LLC, Killingly, CT – Local permitting, structural design of wetlands bridge crossing, wetlands replication and site restoration. .
- Town of Ledyard, CT – Multiple roadway design and reconstruction projects with associated specifications, bid review, contactor selection, construction inspection and project coordination.
- Groton Long Point Association, Groton, CT – Multiple roadway design and reconstruction projects.
- 310 Hartford Pike, LLC – Design and permitting for a 10,000 square foot retail development, Hartford Pike and Upper Maple Street in Killingly, CT.
- Town of Killingly, CT – Rehabilitation and reconstruction of 100+ year old town roadways, drainage improvements, & bridge crossing design.
- 1215 Norwich Road, LLC – Soil sampling, analysis & CTDEEP reporting to determine potential hazardous materials spill limits from an abandoned truck trailer.