
JAMES A. THIBODEAU, P.E., S.E., DFE

PRESIDENT

Mr. Thibodeau is the owner and founder of Associated Design Partners, Inc. With over 33 years experience as a practicing engineer, he has gained valuable design experience through his dedicated involvement in countless civil and structural engineering projects. Mr. Thibodeau's practical common-sense approach to design problems has earned him a valuable reputation in the design and construction communities. He has gained extensive knowledge, through practice, in the fields of; material science, building science, civil & structural engineering, forensic failure analysis, and construction industry code requirements, standards, and practices. Combining experiential knowledge with a practical engineering design approach, he has designed countless projects featuring steel, light gauge framing, aluminum, masonry, and wood structural systems.

Mr. Thibodeau is well established in Maine and surrounding New England States in the field of forensic engineering. He has investigated and reported on well over 1000 insurance claim cases, covering a broad array of topics, for both liability and property-loss claims. Some of the topics he has investigated include; construction claims, building failures, water intrusion cases, mold investigations, roofing and roof shingle failures, blasting claims, swimming pool collapse, foundation and retaining structure failures, ice damage, building material failures, product failures, fire damage evaluations, and structural collapse. In addition, Mr. Thibodeau has over 17 years of experience in the specialized field of moisture control in buildings and building science evaluation. By investigating, researching, and evaluating a wide variety of topics, he has gained extensive knowledge and experience in construction industry sciences. This experience serves as a valuable asset, relied upon when evaluating existing systems, and developing conceptual design for renovation or new construction projects. He has refined abilities in design-build projects; structural repair and rehabilitation design, foundation engineering, Mechanically Stabilized Earth retaining wall design, existing structure failure analysis, investigative reporting to the insurance industry, and opining as an expert witness. He has also developed a reputation of being a team player, working successfully with owners, architects and contractors, and achieving success by providing superior service in a timely fashion and within budget.

PREVIOUS EXPERIENCE

Before establishing his own consulting business, Mr. Thibodeau worked with two well-established Maine-based consulting engineering firms, and served two years as an assistant city engineer in Old Town, Maine. His first post-graduate employ included 6 years as a project engineer, then manager, with a Portland based engineering firm. His responsibilities included design and coordination of technical staff on new structures and structural rehabilitation. He gained considerable construction experience by serving as the on-site engineer for several major industrial and municipal building projects. His next employ included 7 years with a well-known Westbrook-based engineering firm, where he started, developed, and supervised the structural department.

PROFESSIONAL REGISTRATIONS

Licensed Professional and (Structural) Engineer: Maine; New Hampshire; Vermont (SE); Massachusetts (SE); Connecticut, Maryland

EDUCATION

- University of Maine, Orono Bachelor of Science in Civil Engineering 1983
- Wentworth Institute of Tech. Associates in Civil Engineering Technology 1981

ACHEIVEMENTS

Honor Societies:

- Tau Alpha Pi and Chi Epsilon
- Eagle Scout

Certifications

- National Ski Patrol #239006, OEC Certification
- NABIE, Executive Level Building Inspector
- SAP, California Emergency Management Safety Assessment Program

PROFESSIONAL MEMBERSHIPS AND ORGANIZATION AFFILIATIONS

Structural Engineers Association of Maine

American Society of Civil Engineers, Member Since 1982

Maine Indoor Air Quality Board of Directors 2005 – 2008, current member

National Society of Professional Engineers, Member Since 2009

Executive Membership in National Academy of Building Inspection Engineers (NABIE)

New England Mountain Bike Association, Member

Long-range Planning Advisory Committee, LPAC, Board Member, Town of Falmouth

Maine Society of Professional Engineers, Regional Director, Board Member

Ad-Hoc Zoning Committee Member, Town of Falmouth