

Frank L. Bennardo, P.E.,
President & Owner, Engineering Express®
Curriculum Vitae, May, 2011

Introduction

After receiving his Bachelor of Science Degree in Civil Engineering in May, 1988 from [Tulane University](#) in New Orleans, LA, Frank L. Bennardo, P.E. trained with the [Florida Department of Transportation](#) in their highly acclaimed Professional Engineer Training Program where he was promoted in July, 1992 to the Department's head of the Permits and Contracts departments and sole Broward County expert engineering witness.

In February, 1993, He became licensed as a Florida Professional Engineer and in July, 1994 as a Florida General Contractor, designing and constructing residential additions and renovations. In 1996, he took on the structural design of large housing developments in South Florida, and excelled as a proficient structural designer and field inspector. He also pursued a specialty in aluminum and glass and glazing design.

This work introduced him to the expeditious need for proper, accurate, and professional specialty designs in areas such as commercial and residential fenestration, storm protection, product approvals, marine engineering, aluminum design, structural design for additions, renovations, and new construction, forensic engineering, and expert witness testimony. Work in these areas led to licensure in 24 states in the U.S. spawning nationwide attention to their resources and abilities.



His focus has evolved the company to meet the changing engineering needs of contractors, manufacturers, homeowners, architects, and developers nationwide utilizing state-of-the-art technology, cutting edge industry resources, and a highly skilled staff. *Engineering Express®* is the realization of that dream-a revolutionary and patent-pending concept aimed at utilizing the latest in technology-based interactive services, working to standardize and inform, and provide widely needed engineering services in a manner never before imagined.

Career Summary

Graduate of [Tulane University](#), New Orleans, LA, B.S.C.E., 1988.

Licensed Florida General Contractor (active 1994-1998).

Licensed Florida Professional Engineer (PE46549), 1993, 23 other states thereafter (listed below)

Unparalleled expertise in computer application and utilization

Active in engineering, construction, and local associations including:

[Florida Structural Engineers Association](#) Palm Beaches Chapter
Board of Directors, 2011-2012

[International Hurricane Protection Association](#)

Board of Directors, 2006-present

Secretary, 2011-2013

Lecturer for continuing education credit for members

[View & Purchase a lecture on DVD \(https://hpmag.secureorderingonline.com/\)](https://hpmag.secureorderingonline.com/)

[Florida Atlantic University Engineering Advisory Board](#)

Board Chair, 2010-2012, Board member since 2004

[Florida Engineering Society](#)

2008 Past President, Broward Chapter

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[Tulane University School of Science and Engineering Board Of Advisors](#)

Board Member, 2008-present

[American Society of Civil Engineers](#), member

[National Society of Professional Engineers](#), member

[American Association for Wind Engineering](#), member

[American Concrete Institute](#), member

[Glass Association of North America](#), member

Certified in the practice of Structural Engineering by [SECB](#)

Numerous [Metro Dade County](#), SBCCI, ICC, AAMA, ASTM, and [Florida Building Code Product Approval](#) engineering package evaluations, validations, & certifications (over 200 to date and counting)

Mr. Bennardo also maintains a flair for public speaking, professional musical songwriting and recording, and boating.

Publications

Hurricane Protection Magazine, "Florida Statewide Approvals," winter 2003 Issue

Hurricane Protection Magazine, "The Engineering Evolution," spring 2004 Issue

International Hurricane Protection Association, Continuing Education Seminar Instructor
"Looking Beyond Windows for Storm Protection," Instructional Video February, 2008

Hurricane Industry Article, "The Hidden Story of Storm Protection", August, 2009, various distributions

Wiki.engexp.com, ongoing industry articles of interest, 2008 - present

ApprovalZOOM.com – developed and published this highly informative website on Product Approvals, 2011

Numerous & continuous blog, Twitter, and Facebook business page posts (@engexp)

Presentations

"Engineering in a Coastal Environment," Tulane Engineering Forum Keynote Speaker, New Orleans, LA, June, 2006 (Post Hurricane Katrina).

"Are You Using ASCE-7 Correctly for Wind Design," ASCE-SEI New Orleans Chapter Seminar Speaker, New Orleans, LA, Dec., 2006

Featured Speaker, World of Hurricane Protection Trade Show & Conference, Orange County Convention Center, Tampa, FL, April, 2008

"Engineers' Secrets to Product Approvals Revealed," Orange County Convention Center, Tampa, FL, Hurricane Protection University (HPU), May, 2009

Florida Association of Public Insurance Adjusters (FAPIA), "Windstorm Damage Considerations in Residential and Commercial Structures", Summer 2009 Fort Lauderdale, FL & Winter 2009 Tampa, FL

Building Officials & Inspectors Educational Association, Broward County, FL (BOIEA) Product Approval Seminar, 2010 Annual Meeting & Educational Conference

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Sample of Recent Significant Projects

Commercial Glazing:

Miami Dolphin (currently Sun Life) Stadium Expansion, Miami, FL

Hard Rock Hotel & Casino, Pembroke Pines, FL

Miami Airport Expansion Projects, Dade County, FL

Texas A & M University Science Building, Galveston, TX

Macon Marriot City Center Hotel, Macon, Georgia

San Carlos Condominium, Gulf Shores, Alabama

Hundreds of other projects, some of which can be seen on our [Glass & Glazing Webpage](http://www.engexp.com/storefrontengineering.com) (www.engexp.com/storefrontengineering.com)

Forensic Inspection, Evaluation, Expert Witness Testimony (over 70 to date):

Vantage View Condominium, Pompano Beach, FL – Federal Grand Jury Trial victory (2007)

King Cole Apartments, Miami Beach, FL (2008)

Vision One Condominium, Palm Beach Gardens, FL (2008)

Plantation Fashion Mall, Broward County, FL (2009)

Portofino Apartments, West Palm Beach, FL (2009)

Maringate Shopping Center, Houston, TX (2009)

Tomball Shopping Center, Houston, TX (2009)

Peck Plaza, Daytona, FL (2009)

University of Phoenix, TX (2010)

Chase Building, TX (2010)

Updated information on our vast array of product approval engineering, marine projects, commercial and residential structural designs, specialty aluminum engineering, and many other unique products can be found on our website or provided upon request.

States of Professional Licensure

Alabama, Delaware, Florida, Georgia, Idaho, Indiana, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas, Vermont, Virginia