

Curriculum Vitae Angelina Fairchild, P.E., LEED AP, CXL

Civil/Structural Engineer



EDUCATION

Master of Science, Civil Engineering,
University of Texas, Austin

Bachelor of Science, Architectural
Engineering, University of Texas,
Austin

REGISTRATIONS AND CERTIFICATIONS

Professional Engineer in Florida and
Puerto Rico

Certified XL Tribometrist

U.S. Green Building Council
(USGBC) Leadership in Energy
and Environmental Design (LEED)
Accredited Professional (national
registration), GBCI

AFFILIATIONS

Member, Florida Engineering Society
(FES)

FES Representative, Florida Board of
Professional Engineers (FBPE)

Committee Member, ASTM F13,
Pedestrian/Walkway Safety and
Footwear

Trustee, Florida Engineering
Foundation (FEF)

Member, American Society of Civil
Engineers (ASCE)

AWARDS

Florida Engineering Society (FES)
President's Service Award, 2012

FES Outstanding Services to the
Profession, Palm Beach Chapter and
State, 2010

FES, Fellow, 2008

FES Engineer of the Year (Palm Beach
Chapter, 2004

FES Young Engineer of the Year, Palm
Beach Chapter and State, 2000

PROFESSIONAL SUMMARY

Ms. Fairchild's experience during her 35-year career at Kimley-Horn includes a wide range of structural and civil engineer design and construction-related services for projects in both the public and private sectors. She has provided planning, design, repair, rehabilitation, construction administration, and inspection phase services on civil and structural engineering projects. Angelina's experience includes prestressed and cast-in-place concrete, steel, masonry, and timber design. Structural projects include FDOT bridges, culverts, retaining walls, conveyors, dune crossovers, boardwalks, bulkheads, seawalls, marinas, docks, industrial buildings, parking garages, warehouses, and storage and containment facilities. Her site civil design experience includes parks, municipal projects, and private developments for commercial and industrial sites. In addition to preparing construction documents, Angela has performed peer reviews and value engineering evaluations. Her forensic engineering expertise began in 1992, performing structural damage assessments for a variety of structures following Hurricane Andrew. Her experience includes evaluating damage to roofs and building envelopes for dozens of commercial and residential structures, and conducting property damage and premises liability investigations.

PROFESSIONAL DEVELOPMENT

CXL – Pedestrian Slip Resistance

Walkway Auditor Training Course: ASTM F2948

FDOT Statewide Pavement Management Inspection Training Program

Leadership in Energy and Environmental Design (LEED)

Florida Engineering Leadership Institute

How the Courts Interpret Specifications, CSI

Florida Board of Professional Engineers: Laws and Rules

Shop Drawings and Submittals – Legal and Engineering Perspectives, NSPE Project Management,
Florida Engineering Society (FES)

Crime Prevention Through Environmental Design (CPTED), Florida Office of the Attorney General

Parks and Recreation Facilities, Florida Engineering Society (FES)

Florida Building Code/Structural, Advances Building Codes

25th Annual National Conference, Association of State Floodplain Managers (ASFPM)

PUBLICATIONS

MacBASP: A Macintosh Graphical Interface for Lateral Torsional Buckling, Fairchild, A., Proceedings of the Sixth Annual Conference on Microcomputers in Civil Engineering; University of Central Florida in association with the American Society of Civil Engineers, November 1988

Floodplain Modeling of Intracoastal Waterway in Florida, Fairchild A. and Stewart, D., 25th Annual National Conference, Association of State Floodplain Managers (ASFPM), June 2001

Working with the Legal Community as a Successful Forensic Engineering Expert, Jordan, C and Fairchild, A., Florida Engineering Society (FES) Journal, June 2010

President's Message (various), Fairchild, A., Florida Engineering Society (FES) Journal, September 2012- July 2013 Society (FES) Journal, September 2012- July 2013