



WILLIAM C. BRACKEN, PE, SECB, CFM, StS2
President/Principal Engineer

Education:

M.S.C.E.; Civil / Structures: University of South Florida

B.S.C.E.; Civil / Structures: University of South Florida

2 Years; Architecture: Carnegie Mellon University

Professional Registration:

SECB 1874-1105	[Structural Engineering Certification Board: SE Certification]
PE 47676 / FL	[State of Florida Engineering License]
SI 7007445 / FL	[State of Florida Special Inspector License]
PE 25224 / AL	[State of Alabama Engineering License]
PE 030581 / GA	[State of Georgia Engineering License]
PE 31987 / LA	[State of Louisiana Engineering License]
PE 6201054792 / MI	[State of Michigan Engineering License]
PE 16928 / MS	[State of Mississippi Engineering License]
PE 034037 / NC	[State of North Carolina Engineering License]
PE 23914 / OK	[State of Oklahoma Engineering License]
PE 24481 / SC	[State of South Carolina Engineering License]
PE 111477 / TN	[State of Tennessee Engineering License]
PE 101819 / TX	[State of Texas Engineering License]
PE 39298 / VA	[State of Virginia Engineering License]
PE 11760 / WY	[State of Wyoming Engineering License]
PE 21072 / KS	[State of Kansas Engineering License]
PE 27201 / KY	[State of Kentucky Engineering License]
PE 2010013672 / MO	[State of Missouri Engineering License]
CFM / ASFPM	[Association of State Floodplain Managers Management Certification]
NCEES 14220	[National Engineering Registration]
NAFE 605S	[National Academy of Forensic Engineers]
SME / ICC	[Subject Matter Expert: International Code Council]
SME / FEMA SAR	[Subject Matter Expert: FEMA Search & Rescue Subgroup]
SME / FES	[Subject Matter Expert: Florida Engineering Society]



Professional Affiliations:

Florida Structural Engineering Association – Founding President [West Coast Branch]
National Academy of Forensic Engineers – Senior Member
Structural Engineering Certification Board – Professional Member
Florida Association of Sinkhole Stabilization Specialists – Founding Board Member
American Society for Testing and Materials – Professional Member
International Code Council – Professional Member
American Society of Civil Engineers: [West Coast Branch] –
 Past Secretary, Past Treasurer;
 Past Structures/Geotechnical Subgroup Chairman
Structural Engineers Council of Tampa – Past President, Past Secretary/Treasurer
National Council of Examiners for Engineering and Surveying – Professional Member
National Society of Professional Engineers – Professional Member
Association of State Floodplain Managers – Certified Floodplain Manager, Member
Florida Engineering Society – Professional Member
Louisiana Engineering Society – Professional Member
Building Officials Association of Florida [Suncoast] – Associate Member
Florida Fire Chiefs Association – Florida Association for Search and Rescue – Member
International Association of Structural Movers – Member
Florida Floodplain Managers Association – Member

Urban Search and Rescue Qualifications:

FEMA Urban Search and Rescue – Subject Matter Expert to FEMA’s Urban Search & Rescue
 Technical Subgroup, FEMA-USACE Certified StS2, FEMA-USACE
Florida Fire Chiefs Association - FASAR Region 4 Coordinator
Florida Association for Search and Rescue – Lead Structures Specialist for Florida’s State
 System, Structures Specialist Subgroup Chair
Florida Urban Search and Rescue– IST Structures Specialist, Florida Task Force 3 Senior
 Structures Specialist, Certified StS2, ICS Level 1 Certified
Hillsborough County – Hillsborough County Fire Rescue/Special Operations, Senior Structures
 Specialist



Awards & Recognitions:

- “Instructor of the Month Award,” International Code Council – November 2008
- “Instructor of the Month Award,” International Code Council – April 2008
- “Recognition of Efforts and Talents Provided to the Public for the Berkman Plaza II Parking Garage Collapse,” Florida’s USAR Program – December 2007
- “Community Service Award for Outstanding Support for Hillsborough County Fire Rescue Providing Technical Training & Expertise in Special Firefighting & Rescue Emergencies,” Hillsborough County Fire Rescue – October 2007
- “Search & Rescue Responder of the Year,” The Search & Rescue Section of the Florida Fire Chief’s Association – February 2005
- “Outstanding Support in Technical Expertise in Developing & Training Rescue Teams for Urban Search & Rescue,” Hillsborough County Fire Rescue - 2003

Summary of Experience:

Mr. Bracken’s training, experience and practice include structural and general civil as well as forensic engineering and urban search and rescue. Within the forensic arena, Mr. Bracken has experience and has been qualified to evaluate and opine on structural engineering, construction, building envelopes, industry standards, codes and construction practices regarding vertical commercial, municipal, residential, agricultural and transportation structures.

Within the structural engineering arena, Mr. Bracken has overseen and performed design, analysis and forensic investigations of concrete, masonry, wood, steel, aluminum, fiberglass and precast pre-tensioned structures. His design responsibilities have included new construction, upgrading and retrofitting structures to meet dynamic and increased static loading requirements; design and rehabilitation of fixed and movable bridges; design of falsework; development of construction phasing and shop drawing development and review.

Within the general civil arena, Mr. Bracken has overseen and performed design, analysis and forensic investigations of residential, commercial and industrial projects. His design responsibilities have included complete commercial site layout, stormwater systems, potable water transportation systems, non-potable water transportation systems and transportation structure utility crossings.

Research:

Through the University of South Florida, Mr. Bracken conducted dynamic analysis on geometrically asymmetric cable-stayed bridges. This research consisted of parametric studies of various geometric asymmetries and their effect on the dynamic response of cable-stayed bridges.

Through Bracken Engineering, Inc., and in conjunction with the University of South Florida, Mr. Bracken directed and assisted engineering research in the development of micro pile structural design guidelines. This research consisted of interpretation and integration of multiple design codes with construction industry practices in the development of design guidelines for the use and implementation of micro piles for foundation stabilization and restoration.



Research: (cont.)

Through Bracken Engineering, Inc., Mr. Bracken directed engineering research in the development of an interior mini pile bracket that is currently being patented. This research consisted of the design and development of this bracket so as to meet construction industry practices for use with micro piles for foundation stabilization and restoration.

Publications:

- Bracken, William C., et. al. "**Design Considerations for Underpinning of Structures Affected by Karst Using Hydraulically Driven Piles.**" Sinkholes and the Engineering Impacts of Karst. Tallahassee: American Society of Civil Engineers, 2008. 602-611.
- Bracken, William C. "**Jacksonville Garage Collapse Activates Search and Rescue.**" Florida Engineering Society Journal June 2008: 18-20.
- Bracken, William C. & Timothy A. Roda, "**Establishing Protocols for Damage Assessments of Multiple Buildings.**" 2007 Structures Congress – New Horizons and Better Practices, Proceedings. Long Beach, California: Structures Congress, 2007.
- Bracken, William C. "**Forensic Engineering Investigation of 2005 US Gulf Coast Hurricane Damages.**" Journal of the National Academy of Forensic Engineers XXIII.1 (2006): 123-129.
- Bracken, William C. "**Developing Field Protocols for Using Robots to Supplement Forensic Investigations.**" Structural Faults & Repair-11th International Conference Proceedings. Edinburgh, Scotland: Structural Faults & Repair-11th International Conference and Exhibition, 2006. 204.
- Bracken, William C. "**Effects of Heat on Pre-Engineered Wood Components Resulting From Fire.**" Structural Faults & Repair-11th International Conference Proceedings. Edinburgh, Scotland: Structural Faults & Repair-11th International Conference and Exhibition, 2006. 179.
- Bracken, William C. "**Florida's Engineering Structures Specialist Program.**" Florida Engineering Society Journal (April 2006): 22-23
- Bracken, William C. "**Developing Field Protocols for Using Robots to Supplement Forensic Investigations.**" Third International Conference on Construction in the 21st Century (CITC-III) Proceedings. Athens, Greece: Third International Conference on Construction in the 21st Century (CITC-III), 2005.
- Bracken, William C. "**The Effects of Heat on Pre-Engineered Wood Components Resulting From Fire.**" Third International Conference on Construction in the 21st Century (CITC-III) Proceedings. Athens, Greece: Third International Conference on Construction in the 21st Century (CITC-III), 2005.
- Bracken, William, C., et. al. "**Forensic Engineering Investigation of 2004 Florida Hurricane Damages.**" Journal of the National Academy of Forensic Engineers XXII.1 (2005): 6-8.
- Bracken, William, C., et. al. "**Forensic Engineering Analysis & Test Protocols of a Minimally Invasive Wood Device.**" Journal of the National Academy of Forensic Engineers XXI.1 (2004):103-109.
- Bracken, William C., et. al. "**Non-Destructive Testing and Evaluation Concrete Slabs Affected by Differential Displacement.**" Forensic Engineering: Proceedings of the Third Forensic Congress. Sacramento, CA: American Society of Civil Engineers, 2003. 341-349.



Publications: (cont.)

- Bracken, William C. "**Restoration & Repair of Existing Masonry Structures.**" System-based Vision for Strategic and Creative Design. Rome, Italy: International Structural Engineering and Construction Conference, 2003. Vol. No.1: 753-760.
- Bracken, William C., "**Forensic Engineering Structural Failure Review by Finite Element Analysis.**" Journal of the National Academy of Forensic Engineers XIX.1 (2001): 85-93.
- Bracken, William C. "**Erection of the Osceola Parkway Bridge.**" The 12th Annual International Bridge Conference Proceedings. Pittsburg, PA: Engineering Society of Western Pennsylvania, 2001. Vol. 1: 299-301.
- Bracken, William C. "**Dynamic Analysis of Geometrically Asymmetric Cable-Stayed Bridges.**" MSCE Thesis. Tampa, FL: University of South Florida, 1995.

Training & Classes Taught: (list limited to last five years)

- "**Seawall & Retaining Wall Inspections,**" American Society of Home Inspectors – June 26, 2010, Clearwater, FL
- "**Advanced Building Code Update: Storm Damage Restoration of Existing Structures,**" Windstorm Insurance Network, 2010 Windstorm Conference – May 11, 2010, Dallas TX
- "**Roof Systems Overview, Damages & Code Updates,**" Homewise Insurance Company – March 5, 2010, Tampa, FL
- "**Code Upgrades,**" Tower Hill Insurance Group – February 9, 2010, Gainesville, FL
- "**The City Made Me Do It,**" Loss Executives Association – January 27-28, 2010, Tampa, FL
- "**Advanced Building Code Update: Storm Damage Restoration of Existing Structures,**" Windstorm Insurance Network – January 25-26, 2010, Jacksonville, FL
- "**Structural Collapse Technician Course,**" Department of Homeland Security Federal Emergency Management Agency (FEMA) – December 3, 2009, Tampa, FL
- "**Structural Collapse Technician Course,**" Department of Homeland Security Federal Emergency Management Agency (FEMA) – December 2, 2009, Tampa, FL
- "**Structural Collapse Technician Course,**" Department of Homeland Security Federal Emergency Management Agency (FEMA) – December 1, 2009, Tampa, FL
- "**2003 IBC Performing Structural Plan Reviews,**" International Code Council – October 6-7, 2009, Dammam, Saudi Arabia
- "**2003 IBC Building Planning,**" International Code Council – October 5, 2009, Dammam, Saudi Arabia
- "**2003 IBC Fundamentals Structural Provisions,**" International Code Council – October 4, 2009, Dammam, Saudi Arabia
- "**2003 IBC Fundamentals,**" International Code Council – October 3, 2009, Dammam, Saudi Arabia
- "**Effective Strategies in Dealing with Code & Building Officials,**" Travelers of Florida – August 27, 2009, Tampa, FL
- "**Surveying the Aftermath-Who You Gonna Call?**" Annual Hurricanes and Healthcare Conference – June 18, 2009, Clearwater, FL



Training & Classes Taught: (cont.)

- “2006 IBC Wind Design Provisions”** International Code Council – June 19, 2009, Mobile, AL
- “When Disaster Strikes,”** International Code Council – March 23 & 24, 2009, New Orleans, LA
- “When Disaster Strikes Field Activity,”** International Code Council – March 25, 2009, New Orleans, LA
- “FES Wind Load Design Seminar,”** Florida Engineering Society – February 10, 2009, Destin, FL
- “Introduction to Building Codes - Advanced,”** 2009 Windstorm Insurance Conference – January 26, 2009, Orlando, FL
- “Disaster Assessment – Adjuster Safety,”** 2009 Windstorm Insurance Conference – January 27, 2009, Orlando, FL
- “FES Wind Load Design Seminar,”** Florida Engineering Society – January 21, 2009, Orlando, FL
- “Challenges and Ethical Aspects of Documenting a Complex Building Collapse,”** National Academy of Forensic Engineers – January 18, 2009, Austin, TX
- “FES Wind Load Design Seminar,”** Florida Engineering Society – January 14, 2009, Tampa, FL
- “2007 Florida Building Code: Building,”** Florida Structural Engineers Association – January 13, 2009, Tampa, FL
- “FES Wind Load Design Seminar,”** Florida Engineering Society – December 17, 2008, Miami, FL
- “HCBA Construction Law Seminar – Water Intrusion Claims from Start to Finish,”** Hillsborough County Bar Association – November 20, 2008, Tampa, FL
- “2006 IRC Performing Residential Plan Reviews,”** International Code Council – November 18, 2008, Myrtle Beach, SC
- “2006 IBC Performing Structural Plan Reviews,”** International Code Council – November 17 & 19, 2008, Myrtle Beach, SC
- “2006 IRC Hurricane Resistant Residential Construction,”** International Code Council – October 30, 2008, Kenner, LA
- “Repair, Restoration, or Renovation, Florida’s Existing Building Code,”** Florida Department of Financial Services – October 29, 2008, Tampa, FL
- “2006 IBC Wood Framing,”** International Code Council – October 23, 2008, Perry, GA
- “2003 IRC Hurricane Resistant Residential Construction,”** International Code Council – October 15, 2008, Lewes, DE
- “2006 IBC Performing Nonstructural Plan Reviews,”** International Code Council – September 24-25, 2008, Washington DC
- “Creating a Hazard Mitigation & Emergency Management Plan,”** International Code Council – September 15-16, 2008, Minneapolis, MN
- “Disaster Safety Training for CAT Adjusters,”** Travelers Insurance Company – September 3, 2008, Orlando, FL



Training & Classes Taught: (cont.)

“FBC Update – Wind Load Design,” CSI Regional Conference on Building Code Updates – August 21-22, 2008, Orlando, FL

“Disaster Safety Training for CAT Adjusters,” Travelers Insurance Company – July 9, 2008, Tampa, FL

“Florida Engineering Society Wind Load Design Seminar,” Florida Engineering Society Online CEU Courses – June 26, 2008, Jacksonville, FL

“Disaster Assessment & Adjuster Training,” Travelers Training Presentation – June 16, 2008, July, 9, 2008, Tampa, FL

“Disaster Assessment For Engineers,” Florida Structural Engineers Association – June 10, 2008, Jacksonville, FL

“2006 Hurricane Resistant Residential Construction,” International Code Council – May 1, 2008, Atlantic City, NJ

“2006 IEBC Fundamentals w/MBRC Comparisons,” International Code Council – April 16, 2008, Hagerstown, MD

“2006 IBC & IRC Wind and Flood Provisions,” International Code Council – April 8, 2008, Sturbridge, MA

“2006 IBC Fundamentals Structural Provisions,” International Code Council – April 7, 2008, Sturbridge, MA

“Wind v. Flood Damage to Residential Structures,” USAA Training Presentation – March 26, 2008, Tampa, FL

“Foundation Failures & Remedial Approaches,” Grip-Tite Manufacturing Company, L.L.C. – February 27, 2008, Orlando, FL

“2006 IEBC Fundamentals w/MBRC Comparisons,” International Code Council – February 20, 2008, Crownsville, MD

“Soil & Foundation Stabilization Methods,” Travelers Insurance Company In-House Training – February 13, 2008, Tampa, FL

“Restoration of Damaged Wood Components,” Travelers Insurance Company In-House Training – February 13, 2008, Tampa, FL

“Structure Displacement (Assessment & Restoration),” Travelers Insurance Company In-House Training – February 13, 2008, Tampa, FL

“Repair, Restoration, or Renovation? Florida’s Existing Building Code,” 2008 Windstorm Conference – February 6, 2008, Jacksonville, FL

“2006 IRC Hurricane Resistant Residential Construction,” International Code Council – December 4, 2007, Pawleys Island, SC

“2006 Maryland IEBC Fundamentals with MBRC Comparisons Training Program,” International Code Council – November 28, 2007, Ellicott City, MD

“2006 IBC Performing Structural Plan Reviews,” International Code Council – November 14-15, 2007, Milwaukee, WI

“The Role of the Engineer in Urban Search & Rescue,” 5th Conference of the State Urban Search & Rescue Alliance – November 13, 2007, Ocala, FL



Training & Classes Taught: (cont.)

- “**2006 IBC Wood Design ASD Seminar,**” International Code Council – October 25, 2007, Cincinnati, OH
- “**2003 IBC Inspecting for Structural Details,**” International Code Council – October 18, 2007, Lindenhurst, NY
- “**2003 IBC Wood Framing,**” International Code Council – October 17, 2007, Lindenhurst, NY
- “**Creating a Hazard Mitigation & Emergency Plan,**” International Code Council – October 3, 2007, Reno, NV
- “**Construction and Structural Collapse Awareness,**” Pinellas Park Fire Department – September 25 & 27, 2007, Pinellas Park, FL
- “**Construction and Structural Collapse Awareness,**” Hillsborough County Fire Rescue Training Facility – August 28, 2007, Tampa, FL
- “**Foundation Remediation; Assessment & Restoration,**” Middle Tennessee Code Officials Association – August 16, 2007, Winchester, TN
- “**Florida Building Codes Seminar,**” Travelers Insurance Company – July 19, 2007, Clearwater, FL
- “**Florida Building Codes Seminar,**” Florida Farm Bureau – July 17, 2007, Mulberry, FL
- “**2006 IBC Fundamentals Structural Provisions,**” International Code Council – June 21, 2007, Nashville, TN
- “**2003 IRC Hurricane Resistant Residential Construction,**” International Code Council – June 11-12, 2007, Gulfport, MS
- “**Maryland Existing Building Code Overview,**” International Code Council – May 22, 2007, Crownsville, MD
- “**Maryland Existing Building Code Overview,**” International Code Council – May 17, 2007, Aberdeen, MD
- “**Maryland Existing Building Code Overview,**” International Code Council – May 16, 2007, Ellicott City, MD
- “**Maryland Existing Building Code Overview,**” International Code Council – May 15, 2007, Snow Hill, MD
- “**Building Systems, Terminology, Remediation & Code,**” USAA Training Presentation – April 30, 2007, Tampa, FL
- “**2006 IRC Performing Residential Plan Reviews,**” International Code Council – April 25-26, 2007, Phoenix, AZ
- “**Evaluating Cracking-Masonry Walls & Slabs on Grade,**” American Society of Home Inspectors Dinner Meeting – April 3, 2007, Clearwater, FL
- “**2006 IBC Wood Design ASD,**” International Code Council – February 21, 2007, Dothan, AL
- “**Wind Load Design,**” Florida Engineering Society Wind Load Design Seminar – February 20, 2007, Tampa, FL
- “**Wind Load Design,**” Florida Engineering Society Wind Load Design Seminar – February 6, 2007, Miami, FL



Training & Classes Taught: (cont.)

“Wind Load Design,” Florida Engineering Society Wind Load Design Seminar – January 5, 2007, Orlando, FL

“Wind Load Design,” Florida Engineering Society Wind Load Design Seminar – September 20, 2006, Jacksonville, FL

“Hurricane Resistant Residential Construction,” 2006 IRC Hurricane Resistant Residential Construction Seminar – July 25, 2006, Charleston, SC

“The Effects of Heat on Pre-Engineered Wood Components Resulting From Fire,” Structural Faults & Repair Seminar – June 14, 2006, Edinburgh, Scotland

“Developing Field Protocols for Using Robots to Supplement Forensic Investigations,” Structural Faults & Repair Seminar -- June 14, 2006, Edinburgh, Scotland

“Hurricane Collapse Awareness,” Hillsborough County Fire Rescue Headquarters – May 10, 2006, Tampa, FL

“Implementing Search & Rescue,” 20th Annual Governor’s Hurricane Conference – May 8, 2006, Ft. Lauderdale, FL

“Structural Wind Loading Criteria,” Florida Engineering Society, Advanced Wind Load Design Course – April 27, 2006, Ft. Lauderdale, FL

“Florida’s New Existing Building Code,” Law Firm of Boehm, Brown, Fischer, Harwood, Kelly, & Scheihing, PA. April 21st Case Law. – April 21, 2006, Orlando, FL

“Urban Search & Rescue Structure Specialist – StS1,” FEMA [in association with] US Army Corps of Engineers – April 2006, Ocala, FL

“Structural Collapse Awareness,” Special Response Team Training Conference – April 2006, Daytona Beach, FL

“Evaluating Residential Structures,” Hillsborough County Extension Office, Preparing & Reinforcing Your Home for Hurricane Season -- April 8, 2006, Seffner, FL

“Florida’s ‘NEW’ Existing Building Code,” Windstorm Insurance Conference – March 2006, Tampa, FL

“Florida Building Code – Advanced study of Structural Wind Loading Criteria, Wind Load Design Options,” Florida Engineering Society Wind Code Seminar – February 2006, Tampa, FL

“Florida’s ‘NEW’ Existing Building Code,” Windstorm Insurance Conference – February 2006, Orlando, FL

“Forensic Investigation of 2005 US Gulf Coast Hurricane Damages,” National Academy of Forensic Engineers, Winter Meeting – January 2006, Washington, DC

“Florida’s USAR Response to the 2005 Hurricane Season,” New Jersey Emergency Preparedness Association, The Second State Urban Search & Rescue Conference – December 2005, Red Bank, NJ

“The Role of The Engineer in Urban Search & Rescue,” American Society of Civil Engineers, SunCoast Branch Meeting - November 2005, Sarasota, FL

“The Role of The Engineer in Urban Search & Rescue,” Florida Engineering Society –Tampa Chapter Program – November 2005, Tampa, FL



Training & Classes Taught: (cont.)

“Hurricane Katrina State of Florida USAR Urban Search & Rescue,” Florida State EOC – August 2005, Tallahassee, FL

“Hurricane Dennis State of Florida USAR Aerial Reconnaissance & Search,” Florida State EOC – July 2005, Tallahassee, FL

Urban Search and Rescue Training:

Advanced Structures Specialist 48-Hour Training Course – StS2 – FEMA/USACE US&R [in association with] US Army Corp of Engineers – May 21, 2009, San Jose, CA, 40 Hours

Urban Search & Rescue Structure Specialist Recertification – StS2, FEMA [in association with] US Army Corp of Engineers – March 2005, San Jose, CA, 40 Hours

Urban Search & Rescue Structural Specialist – StS 1, FEMA [in association with] US Army Corps of Engineers - May 2004, Sacramento, CA, 40 hours

ChlorEP Training Seminar, The Chlorine Institute – November 2003, 8 hours

Incident Command System Training, FEMA on-line training - September 2003, 8 hours

Self Contained Breathing Apparatus Training, Hillsborough County Fire Rescue – September 2003, 4 hours

Confined Space Training, Hillsborough County Fire Rescue - June 2003, 24 hours; recertified annually, 8 hours

Hazard Material Training, Hillsborough County Fire Rescue - June 2003, 12 hours

Trench Rescue, Hillsborough County Fire Rescue – April 2003, 24 hours; recertified annually, 8 hours

Professional Rescuer CPR Training, American Red Cross - recertified annually, 8 hours

Seminars Attended (list limited to last five years):

“Development in Coastal High Hazard (V Zone) Areas,” Florida Floodplain Managers Association – November 20, 2009, Dunedin, FL

“LEED & Sustainable Design for the Structural Engineer,” Florida Structural Engineers Association, Bay Area Chapter – November 10, 2009, Tampa, FL

“Foundation & Pier for Manufactured Housing,” Building Officials Association of Florida (BOAF) – August 7, 2009, St. Petersburg, FL

“Anchors & Tie Downs for Manufactured Housing,” Building Officials Association of Florida (BOAF) – August 7, 2009, St. Petersburg, FL

“Green Building for Code Compliance,” Building Officials Association of Florida (BOAF) – August 7, 2009, St. Petersburg, FL

“2009 ASFPM Conference,” Association of State Floodplain Managers (ASFPM) – June 7-9, 2009, Orlando, FL

“FL USAR StS Annual Meeting,” Florida Urban Search and Rescue – June 4-5, 2009, Bartow, FL



Seminars Attended: (cont.)

“International Code Council Energy Conservation Code Instructor Development Workshop” International Code Council – April 29 – May 1, 2009, Oak Lawn, IL

“Managing Floodplain Development through the NFIP” Emergency Management Institute – FEMA – March 30 - April 2, 2009, Live Oak, FL

“Fire Rescue EAST 2009,” Florida Association for Search and Rescue – January 28 – 31, 2009, Daytona Beach, FL

“NCSEA – 2009 Winter Institute,” National Council of Structural Engineers Association (NCSEA) – January 23 – 24, 2009, Miami, FL

“Information Gathering, Storing, Analyzing, etc.,” National Academy of Forensic Engineers – January 18, 2009, Austin, TX

“General Topics in Forensic Engineering,” National Academy of Forensic Engineers – January 17, 2009, Austin, TX

“International Code Council Green Building Instructor Development Workshop,” International Code Council – August 11-12, 2008, Tinley Park, IL

“Laws and Rules,” Florida Engineering Society. February 2007. FLENG.org.

“Rights & Responsibilities of F.E. Expert Witnesses,” National Academy of Forensic Engineers. January 7, 2007. Ponte Vedra, FL.

“General Topics in Forensic Engineering,” National Academy of Forensic Engineers. January 6 2007. Ponte Vedra, FL.

“Structural Faults & Repair Seminar,” Structural Faults & Repair-11th International Conference and Exhibition. June 14, 2006. Edinburgh, Scotland.

“FES Wind Load Design,” Florida Engineering Society. April 27, 2006. Fort Lauderdale, FL.

“FES Wind Code Seminar,” Florida Engineering Society. February 2006. Tampa, FL.

“Forensic Engineering Challenges & Ethical Aspects of Electronic Presentation Methods,” National Academy of Forensic Engineers. January 2006. Washington, DC.

“General Topics in Forensic Engineering,” National Academy of Forensic Engineers. January 2006. Washington, DC.



Litigation Experience:

Mr. Bracken has participated in numerous mediations and trials. His expertise ranges from structural forensic engineering to civil engineering to construction engineering. His participation within the litigation process has also ranged from simply supplying an affidavit to assisting and educating council to participating in the deposing of opposing experts. Some cases of particular interest are listed:

115 River Drive Condominium Association, Inc. v. Allstate Property and Casualty Company #6:08-CV-1560

Judiciary: The United States District Court Middle District of Florida Orlando Division
Client: Defendant's Attorney
Activity: Conducted and Compiled Limited Condition Assessment Report; Deposed

Manasota Land Development and Construction Corp. a Florida Corporation v. Raymond Wesley Phelps and Diane G. Phelps v. Frederick George Hartland, Carolyn Hartland and Frank Joseph Hartland #2006-CA-4610-SC

Judiciary: The Circuit Court for Sarasota County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Emir Abreu and Katherine Abreu v. Nationwide Insurance Company of Florida #51-2008-CA-4761-WS

Judiciary: The Circuit Court of the 6th Judicial Circuit in and for Pasco County
Client: Defendant
Activity: Conducted and Compiled a Structure Condition Assessment Report; Conducted and Compiled a Supplemental Findings and Investigation Report

Lisa E. Westfall v. USAA Casualty Insurance Company #06005518CI-021

Judiciary: Circuit Court of the 6th Judicial Circuit in and for Pinellas County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structure Condition Assessment Report; Deposed

Williams and Williams, Inc. v. Brian Wingate and Danielle Wingate #04-000397-CI-21

Judiciary: The Circuit Court in and for Pinellas County
Client: Defendant
Activity: Conducted and Compiled Structure Condition Assessment Report; Deposed



Litigation Experience: (cont.)

Pyramid Hotel Opportunity Venture LLC, v. Lexington Insurance Company #07-00323621

Judiciary: The Circuit Court of the 17th Judicial District in and for Broward County
Client: Defendant's Attorney
Activity: Compiled Document Review Report, Deposed, Provided Testimony at Trial

Douglas Colkitt and Joanne Colkitt v. Brian L. Snell, Snell Engineering Consultants, Inc., Precision Marine Construction, Inc., and John Doe Aluminum Supplier, Inc., #2006 CA 8041NC

Judiciary: The Circuit Court of the Twelfth Judicial Circuit in and for Sarasota County
Client: Defendant's Attorney
Activity: Conducted Condition Assessment; Deposed

N.P.V. Realty Corporation, d/b/a Park Place Apartments v. Pacific Insurance Company, LTD #07-012892

Judiciary: The Circuit Court for Hillsborough County, Florida Civil Division
Client: Defendant's Attorney
Activity: Deposed

Richard Genaitis v. Nationwide Insurance Company of Florida #06-CA-6629 #35

Judiciary: The Circuit Court of the Ninth Judicial Circuit, in and for Orange County, Florida
Client: Defendant's Attorney
Activity: Conducted Condition Assessment; Deposed

Pedro Luis Rodriguez and Irene Lopez Albelo, his wife v. Standard Truss & Roof Supply, Inc.; Truswal Systems Corp.; and Donald Lee Scott #06-CI-10596

Judiciary: The Circuit Court of the 9th Judicial Circuit, in and for Orange County, Florida
Client: Defendant's Attorney
Activity: Conducted and Compiled a Progress Report of Document Review

Florida Board of Professional Engineers v. Kelvyn Whitfield, P.E. #2005045834

Judiciary: State of Florida Board of Professional Engineers
Client: Defendant's Attorney
Activity: Conducted and Compiled Document Review and Design Verification/Analysis Report; Testimony



Litigation Experience: (cont.)

Robert R. Gagne v. State Farm Fire & Casualty Company; Exponent, Inc. et. al. #1:06-CV-0711-LTS-RHW

Judiciary: In the United States District Court for the Southern District of Mississippi
Client: Defendant's Attorney
Activity: Conducted and Compiled a Document Review & Evaluation Report; Deposed

Cracchiolo v. Nationwide Insurance Company #51-2007-CA-1592-ES

Judiciary: 6th Judicial Court for Pasco County
Client: Defendant
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Nicholas Trabulsy and Florentina Trabulsy v. Central Florida Testing Laboratories, Inc. and Certified Foundations, Inc. #05-CA-3736

Judiciary: 9th Judicial Court for Orange County
Client: Respondent's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Conducted and Compiled a Supplemental Report; Deposed

Martin Perkins and Carolyn Perkins v. Nationwide Insurance Company of Florida #2006-CA-10281-O

Judiciary: 9th Judicial Court for Orange County
Client: Defendant
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Sunset Towers Apartments Condominium Association, Inc. v. Nationwide Mutual Fire Insurance Company #06-CA-6148

Judiciary: 20th Judicial Court for Lee County
Client: Defendant
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Barbara Brunckhorst v. Afred Rose, Adela Rose & Michael K. Walker & Associates, Inc. #2005 CA 10117 NC

Judiciary: 12th Judicial Court for Sarasota County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed



Litigation Experience: (cont.)

Frank E. Proch and Patricia M. Proch v. Nicholas W. Nicholson, P.E. and Nicholson Engineering Associates, Inc. #27-CA2006-715 RT

Judiciary: 5th Judicial Court for Hernando County
Client: Defendant
Activity: Conducted and Compiled a Condition Assessment Report; Document Review and Analysis; Provided an Affidavit; Testified in Pre-Trial Hearing– Disposition Settled

William Hooper & Margaret Hooper v. Nationwide Insurance Company #07-4042 CI

Judiciary: 6th Judicial Court for Pinellas County
Client: Defendant
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Michael Farkas v. Forest Products Supply, Inc. #2006-CA-6834-NC

Judiciary: 12th Judicial Court for Sarasota County
Client: Plaintiff's Attorney
Activity: Conducted and compiled a Supplemental Investigation and Findings Report; Deposed; Testified in Jury Trial

Landing Group of Tampa, Inc. v. Tara Meagher #05-CC-002926

Judiciary: 20th Judicial Court for Lee County
Client: Plaintiff's Attorney
Activity: Testified in Bench Trial

Craig E. Hollis and Suzanne D. Hollis v. Florida Farm Bureau Casualty Insurance Company #2005-CA-2632-ES

Judiciary: 6th Judicial Court for Pasco County
Client: Defendant
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Sheila E. Pressley v. USAA Casualty Insurance Company #04-09668

Judiciary: 13th Judicial Circuit Court for Hillsborough County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Exeter Condominium Association, Inc. v. American Strategic Insurance #07-005820 04

Judiciary: 17th Judicial Court for Broward County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed



Litigation Experience: (cont.)

Michael Farkas v. Forest Products Supply, Inc. #2006-CA-6834-NC

Judiciary: Circuit Court for Sarasota County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report and Supplemental Investigation and Finding Report; Deposed

Lawrence Manierre and Jacinta R. Manierre v. Continental Construction of Southwest Florida, Inc. v. Patnode Roofing, Inc. #04-1611-CA

Judiciary: 20th Judicial Circuit Court of Collier County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Colonial Realty Limited Partnership d/b/a Colonial Properties Realty Limited Partnership v. Lauder Construction Company, Inc. Charlan, Brook and Association, Inc. #03-CA-10424

Judiciary: 9th Judicial Circuit Court of Orange County, FL Civil Division
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Shea Moxon and Kathleen Madden v. USAA Casualty Insurance Company #06-4640CI

Judiciary: 6th Judicial Court in and for Pinellas County, FL Civil Division
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Frederick Buechel v. American Home Assurance Company #2:06-cv-244-FTM-29DNF

Judiciary: United States District Court Southern District of Florida Ft. Myers Division
Client: Defendant's Attorney
Activity: Deposed

John Swangler and Debbie Swangler v. American Strategic Insurance Company #04-89281J

Judiciary: 13th Judicial Circuit Court of Hillsborough County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Florida Engineers Management Corporation v. Nicolas W. Nicholson, P.E., and Nicholson Engineering Associates, Inc. # (DOAH) 06-1123PL (FEMC) 2004012659

Judiciary: State of Florida, Florida Engineers Management Corporation
Client: Respondent
Activity: Deposed



Litigation Experience: (cont.)

David Clooney v. The West Bradenton Baptist Church, Incorporated of Bradenton, Florida #05 CA 3817

Judiciary: 12th Circuit Court of Manatee County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

H. Gerald Jowers and Sandra M. Jowers v. Hartford Fire Insurance Company #5:06-cv-43

Judiciary: US District Court Middle District of Florida Ocala Division
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

The Lehigh Group, Inc. v. Douglas and Sharron Prescott #025115CI

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled Calculation Report; Deposed

State Farm Florida Insurance Company v. Mark Maconi Homes of Tampa Bay, Inc. #04 5400 CI 20

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

John Eason and Kathleen Eason v. Ace American Insurance Company #25-5005-CA-000610

Judiciary: 10th Circuit Court of Hardee County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report

Lawrence Kirchner and Diane Kirchner v. Asset Recovery Foundation Systems, Inc. #512002 CA 2751 WS

Judiciary: Circuit Court In and For Pasco County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report and Restoration Plans; Deposed

Denise Powell and Richard Bizzaro v. Lori Eible, John Walter, John Walter Construction, Inc., and Climate Conditioning Co., Inc. #2003 CA 7491 NC

Judiciary: 12th Circuit of Sarasota County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed



Litigation Experience: (cont.)

James R. Cobb v. Nationwide Insurance Company of Florida #04-003404-CI-20

Judiciary: Circuit Court for Pinellas County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

William Travis McGriff and Danielle McGriff v. Nationwide Insurance Company of Florida #01-05-CA-3582

Judiciary: 8th Circuit Court of Alachua County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report and Restoration Plans; Deposed

Harmony Island Condominium Association, Inc. v. Nationwide Mutual Fire Insurance Company #20040438 CA17

Judiciary: 19th Circuit Court of Indian River County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed

James Viereck and Marlene Viereck v. Senica Air Conditioning, Inc. a Florida Corporation #H27CA2003-966-DM

Judiciary: 5th Circuit Court of Hernando County
Client: Plaintiff
Activity: Conducted and Compiled a Condition Assessment Report; Deposed

Zubaida Zafrullah v. Nationwide Mutual Fire Insurance Company #51-2005-CA-2378-WS

Judiciary: 6th Circuit Court of Pasco County
Client: Defendant
Activity: Conducted and Compiled a Condition Assessment Report and Restoration Plans; Deposed

Douglas Paul Gorthy and Sherrie Gorthy v. Albritton-Evans Land Development, Inc., et al. # 01-CA-4660

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Provided Affidavit; Deposed; Testified in Jury Trial

Linda Maddux and Gregory Maddux v. The City of St. Petersburg # 98-7797-CI-11

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Condition Assessment Report; Provided Affidavit; Deposed; Testified in Jury Trial



Litigation Experience: (cont.)

Collette C. Greife v. Shore Colony Condominium Association, Inc. # 99-2272

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff's Attorney
Activity: Conducted and compiled A Structural Condition Assessment Report;
Provided Affidavit; Testified at Arbitration Hearing

Carole Marine Dumestre v. Gerald L. Eisiminger, Theresa C. Eisiminger, Great Western Bank, Terminix International #96-2730

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff
Activity: Conducted and Compiled a Structural Condition Assessment Report;
Provided Affidavit

Valentino S. Defeo v. Hooters of Port Richey, Inc. #97-5634CA

Judiciary: 6th Circuit Court of Pasco County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report;
Provided Affidavit

Carroll Gorrell and Linda Gorrell v. Thomas Construction Services # 98-4707-CO

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Condition Assessment Report Provided
Affidavit; Testified at Arbitration hearing

Stanly Lazowski and Maryanne Lazowski v. Metropolitan Property and Casualty Ins. Co. #97-2867-CA01-RT

Judiciary: 5th Circuit Court of Hernando County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report;
Provided Affidavit; Deposed

Edward Gioioso and Doreen Gioioso v. Allstate Floridian Insurance Company # 99-3896-CA-11

Judiciary: 6th Circuit Court of Pasco County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report;
Deposed

Mary Fite v. Allstate Insurance Company # 98003913-CI

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report;
Deposed; Testified at Mediation Hearing



Litigation Experience: (cont.)

Pamela Levers v. Allstate Floridian Insurance Company # 97-008041-CI-021

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed; Testified at Arbitration Hearing

A.D. Arnold v. Marlyn Steel # 97-5116

Judiciary: 9th Circuit Court in Orange County
Client: Defendant's Attorney
Activity: Conducted a Plans Review and Assessment; Deposed; Testified in Non-jury trial

Lake Forest Condominiums Association of Pinellas County Ins, v. Nationwide Property and Casualty Ins. Co.; Nationwide Mutual Fire Insurance Co.; The Continental Insurance Co.; New Hampshire Insurance Co. #991429-CIV-T-25A

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant
Activity: Provided Affidavit

Cooper v. Drew Homes, Dansco Eng & Samuel A. Greenburg #98-0480-C

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff
Activity: Conducted and Compiled Several Structural Condition Assessment Reports; Deposed; Testified at Hillsborough County Construction Review Board

James and Karin Arden v. Landing Group of Tampa, Inc. #98-13033-CC

Judiciary: 13th Circuit Court of Hillsborough County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed; Testified in Jury Trial

William J. Reed and Jane M. Reed v. Rolf Giessen and Christa Giessen; Rananjachari Kannan; R.C. Kannan & Associates, Inc.; Higgenbotham Auctioneers International Limited # 96-008198-CI-020

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled A Structural Condition Assessment Report; Provided an Affidavit; Deposed

Daniel Ryan & Diane Ryan v. Allstate Floridian Insurance Co. #00-000848-CI-20

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed



Litigation Experience: (cont.)

Joseph & Barbara Butler v. Allstate Insurance Company #00-8105CI-15

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report

Total Tape v. Atlantic Mutual Insurance Company #99-06048-H

Judiciary: 13th Circuit Court of Hillsborough County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed; Testified at Arbitration Hearing

Loughran v. Hogue, et al. #00-00164

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff
Activity: Conducted Several Structural Condition Assessment Reports; Deposed

A-Z Precast v. Concrete Modular Systems #00004908-CI-8

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff's Attorney
Activity: Conducted a Plans Review and Assessment; Provided an Affidavit; Deposed; Testified in Jury Trial

Robert Newsome v. Challenger Pools #00-CC-3526CC

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff
Activity: Conducted and Compiled a Structural Condition Assessment Report; Testified in Jury Trial

Sigal v. Nationwide Insurance Co. # 01-0029-31

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report; Testified at Arbitration

Auto Nest, Inc. v. Nationwide Insurance Co. # 01-4527-CI-15

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report

Richard Alan Morrison v. Nationwide Insurance Co. # CI0-01-2752

Judiciary: 9th Judicial Circuit Court of Orange County
Client: Defendant
Activity: Conducted and Compiled Several Condition Assessment Reports



Litigation Experience: (cont.)

Anthony Celi, Francis Celi and The City of St. Petersburg v. Air Quality Control # 99-3469-CI-21

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed; Testified in Non-Jury Trial

Paul F. Sciriha v. Rodney D. Bailey; Michelle J. Bailey, Christopher Kuhlman, and Keller-Williams Suncoast, Inc. # 00-000026-CI-19

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff
Activity: Conducted and Compiled Several Structural Condition Assessment Reports; Provided Affidavit; Deposed

James Hart and Diann Hart v. Clearwater Key Association Bayside Gardens, Inc. # 99-008498-C1

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled Several Structural Condition Assessment Reports; Provided Affidavit

John A. Briton and Nancy A. Briton v. Nationwide Insurance Co. # 2000-2353-CA

Judiciary: 6th Circuit Court for Pasco County
Client: Defendant
Activity: Conducted and Compiled Several Condition Assessment Reports; Deposed

Cheryl Davidson v. City of Tampa # 99-01996

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled Several Condition Assessment Reports; Provided Affidavit; Deposed

Marlin Key Condominiums v. Marlin Key Development # CV-00-3046

Judiciary: 11th Circuit Court for Mobile, Alabama
Client: Plaintiff's Attorney
Activity: Conducted and Compiled Several Condition Assessment Reports; Deposed

Balsamo Residence v. Liberty Mutual Fire Insurance # 01-2693CA-G

Judiciary: 6th Circuit Court of Pasco County
Client: Defendant's Attorney
Activity: Conducted and Compiled Several Condition Assessment Reports



Litigation Experience: (cont.)

Lewis v. Prudential Property & Casualty Insurance #01-CA-004748

Judiciary: 13th Circuit Court of Hillsborough County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report and Restoration Plans

Florida Engineers Management Corporation v. Nicholson, P.E.; FEMC #01-0005 & 01-0037

Judiciary: State of Florida Department of Business and Professional Regulations
Client: Respondent/Defendant
Activity: Conducted Document Review; Compiled Calculations; Testified at Trial

Peter Murphy v. Lennar Homes, Inc. #32 Y 110 00084 04

Judiciary: American Arbitration Association
Client: Plaintiff
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed

Raymond and Irene Musalo v. Prudential Property & Casualty Insurance Company #802-CV-1383-T-27TGW

Judiciary: United States District Court Middle District of Florida Tampa Division
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report and Restoration Plans; Deposed

William and Lois Owens v. Nationwide Insurance Company #2003-CA-002135

Judiciary: 5th Circuit Court of Citrus County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report; Conducted and Compiled a Follow-Up Structural Condition Assessment Report

Dennis and Diana Gallant v. Nationwide Insurance Company #03-002899 CI-007

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed

Charles Salhany v. Allstate Insurance Company 301-003390-CO-042

Judiciary: 6th Circuit Court of Pinellas County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report and Restoration Plans; Provided Affidavit



Litigation Experience: (cont.)

Bhupendra and Priti Agravat v. Prudential Property & Casualty Insurance Company #02-CA-003867

Judiciary: 13th Circuit Court of Hillsborough County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed

Triple T. Meat Packers, Inc. to Jeffery M. Granger v. General Insurance Company of America and Author J. Gallagher and Company #03-CA-001703

Judiciary: 13th Circuit Court of Hillsborough County
Client: Plaintiff's Executor
Activity: Conducted and Compiled a Structural Condition Assessment Letter Report; Deposed

Nancy Webb v. Nationwide Mutual Fire Insurance Company #2000-005032-CA/H

Judiciary: 6th Circuit Court of Pasco County
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report and Restoration Plans; Conducted Document Review; Deposed

Joseph Morgan v. Russel McInerney and Jovonnie L. Androy #2003-CA-006739

Judiciary: 12th Circuit Court of Manatee County
Client: Plaintiff's Attorney
Activity: Conducted Document Review; Provided Affidavit

Miguel and Basillia Navas v. American National Property and Casualty Company #01-CA-007116

Judiciary: 13th Circuit Court of Hillsborough County
Client: Defendant's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report; Deposed

Oscar and Laura Crossa v. Nationwide Insurance Company #8:03-CV-629-T-17EAJ

Judiciary: United States District Court Middle District of Florida, Tampa Division
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report and Restoration Plans; Deposed

Denise M. Stonick v. Mobile USA Insurance Company #01-006698-CI-19

Judiciary: 6th Circuit Court of Pinellas County
Client: Plaintiff's Attorney
Activity: Conducted and Compiled a Structural Condition Assessment Report and Restoration Plans; Conducted Document Review; Served on Three-member Arbitration Panel



Litigation Experience: (cont.)

Terry and Kimberly Hurton v. Liberty Mutual Insurance Company #8:00-CV-1639-T-26MAP

Judiciary: United States District Court Middle District of Florida Tampa Division
Client: Defendant
Activity: Conducted and Compiled a Structural Condition Assessment Report and Restoration Plans; Deposed

Boca Grande North Condominium Association, Inc., v. Jenkins and Charland Inc., #02-708-CA-SW

Judiciary: 20th Circuit Court of Charlotte County
Client: Defendant's Attorney
Activity: Conducted Document Review; Issued Affidavit; Testified (Via Video) at hearing

Frank and Steve Chillura v. Nationwide Insurance Company #02-CA-011330

Judiciary: 13th Circuit Court of Hillsborough County
Client: Defendant
Activity: Conducted and Compiled a structural Condition Assessment Report and Restoration Plans; Conducted Document Review; Deposed; Testified at trial

Peter and Christine Johnson v. Nationwide Insurance Company #99-001904-CA

Judiciary: 6th Circuit Court of Pasco County
Client: Defendant
Activity: Conducted and Compiled A Structural Condition Assessment Report; Conducted Document Review; Deposed

Fireman's Fund Insurance Company a/s/o Matthew Ferro v. Turquoise Consulting Inc., and Gulfstream Roofing, Inc. #50-2003-CA-009612-AN

Judiciary: 15th Circuit Court of Palm Beach County
Client: Plaintiff
Activity: Conducted Document Review Conducted and Compiled a Structural Condition Assessment and Restoration plans; Deposed

Forensic Experience:

Mr. Bracken has conducted, directed and/or participated in more than 600 investigative and forensic evaluations of both residential and commercial structures. As part of his investigations he has performed existing structure structural evaluations. These evaluations are typically performed to assess structural integrity of both the envelope and its components. Mr. Bracken has also conducted and coordinated large commercial forensic evaluations. These evaluations are typically conducted to determine the cause and/or likelihood of structural failure. Some projects of particular interest are listed:



Forensic Experience: (cont.)

Westminster Shores Kitchen Facility, Presbyterian Retirement Communities, St. Petersburg, Florida. Principal Engineer responsible for the initial forensic investigation as well as the design and coordination of the emergency repairs on this elevated commercial kitchen facility. Mr. Bracken then conducted detailed structural evaluations to determine both the mechanism and the extent of the failure. These structural evaluations were presented in the final report, which also contained repair and restoration details and specifications.

Feather Sound Country Club, Thomas Inspection Services, Largo, Florida. Principal Engineer responsible for the detailed forensic investigation as well as the design and coordination of the proposed repairs.

HRS Tampa Operations Relocation Study, The State of Florida Dept of Health and Rehabilitative Services, Tampa, Florida. Structural Engineer responsible for the existing structure structural evaluations of the State's selected building alternates. This project required the preparation of reports and documentation to support structural investigations that were conducted of the selected facilities.

Cooper Residence, Mr. & Mrs. Cooper, Tampa, Florida. Principal Engineer responsible for the detailed forensic investigation of this multi-story, single family masonry structure. Mr. Bracken then conducted detailed structural evaluations to determine both the mechanism and the extent of the failure. These structural evaluations were presented in the final report, which also contained repair and restoration details and specifications.

Marriott Residence Inn Orlando, PaineWebber, Orlando, Florida. Principal Engineer responsible for the detailed forensic investigation of this multi-story, multi-unit structure complex. Mr. Bracken then conducted detailed structural evaluations to determine both the mechanism and the extent of the failure. These structural evaluations were presented in the final report, which also contained repair and restoration details and specifications.

LaFarge Port of Tampa Storage Facilities, LaFarge Industries, Tampa, Florida. Principal Engineer responsible for the initial forensic investigation of this 150-foot concrete structure.

St Pete Dental Center, Dr. Gause, St Petersburg, Florida. Principal Engineer responsible for the detailed forensic investigation as well as the design and coordination of the proposed repairs.

Crawdaddys Restaurant, SLT Construction, Tampa, Florida. Principal Engineer responsible for the initial forensic investigation as well as the design and coordination of the emergency shoring on this elevated commercial restaurant/kitchen facility. These structural evaluations were presented in the final report.

C&D Thin Pavers Manufacturing Facility, C&D Thin Pavers, Clearwater, Florida. Principal Engineer responsible for the initial forensic investigation into the causes and extent of vibration damage and mitigation. These structural evaluations were presented in the final report, which also contained repair and restoration details and specifications.

Bayonet Middle School, Pasco County Schools, Port Richey, Florida. Principal Engineer responsible for the initial forensic investigation into the extent of damage due to bat infestation. Repair and restoration details and specifications were then presented.

North Marion High School, Marion County Schools, Ocala, Florida. Principal Engineer responsible for the detailed forensic investigation of the covered walkway structure. Mr. Bracken then conducted detailed structural evaluations to determine both the mechanism and the extent of the failure. These structural evaluations were presented in the final report.



Forensic Experience: (cont.)

Seabring Building Renovation, State of Florida Department of Corrections, St Petersburg, Florida. Principal Engineer responsible for the detailed investigation of this multi-story, commercial steel structure.

McFarlane Park Elementary School, Hillsborough County Schools, Tampa, Florida. Principal Engineer responsible for the detailed forensic investigation of this multi-story, 80 year old brick masonry classroom structure. Mr. Bracken then conducted detailed structural evaluations to determine both the mechanism and the extent of the failure.

Belle Witter Elementary School, Jay Hawk Clearing, Tampa, Florida. Principal Engineer responsible for the forensic investigation to determine the cause and extent of the damage observed.

Monte Carlo Towers, Monte Carlo Towers Condominium Association, Tampa, Florida. Principal Engineer responsible for the detailed forensic investigation as well as the design and coordination of the proposed repairs.

Oak Grove Elementary School, Hillsborough County Schools, Tampa, Florida. Principal Engineer responsible for the detailed forensic investigation as well as the design and coordination of the proposed repairs.

The Atrium on Bayshore, The Atrium Condominium Association, Tampa, Florida. Principal Engineer responsible for the detailed forensic investigation of this multi-story, concrete parking structure. These structural evaluations were presented in the final report, which also contained repair and restoration details and specifications.

Lomax Elementary School, Hillsborough County Schools, Tampa, Florida. Principal Engineer responsible for the detailed forensic investigation as well as the design and coordination of the proposed repairs.

The Forbes Building, The Forbes Building Condominium Association, Dunedin, Florida. Principal Engineer responsible for the detailed forensic investigation of the balconies as well as the design and coordination of the proposed repairs.

Building Structures Experience:

Mr. Bracken's experience includes design and analysis of residential and low-rise commercial structures. These structures typically utilize masonry, steel, cast-in-place concrete, timber and conventional frame construction. As the owner's representative, he has performed construction supervision as well as shop drawing development & review. As the contractor's engineer, he has designed falsework, developed construction phasing and performed cost estimating. Mr. Bracken is also a licensed General Contractor in the State of Florida, which provides valuable insight into both the design and construction process. Some projects of particular interest are listed:

Wilson & Springhead Elementary Schools, Hillsborough County Schools, Plant City, Florida. Principal Engineer responsible for the design and construction support of these schools. These schools consisted of single story facilities intended to serve as classes and multi-use structures.

Turkey Creek Elementary School Rehabilitation, Hillsborough County Schools, Plant City, Florida. Principal Engineer responsible for the design and construction support of these schools. This school consisted of a multi-story 80+ year old facility intended to serve as a classroom addition.



Building Structures Experience: (cont.)

Madison Street Elementary School, Marion County Schools, Ocala, Florida. Principal Engineer responsible for the design and construction support of this school. This school consisted of single story facilities intended to serve as classes and multi-use structures.

Fort King Middle School, Marion County Schools, Ocala, Florida. Principal Engineer responsible for the design and construction support of this multi-level addition. The addition consisted of a two-story facility connected with the existing structure by a multi-level CIP walkway. The addition also contained a single story multi-use structure.

Vanguard High School Gymnasium Roof Replacement, Marion County Schools, Ocala, Florida. Principal Engineer responsible for the design and construction support of this existing roof structure replacement. This replacement involved removing a pre-cast concrete roof structure and designing a structural steel replacement system.

Florida Air-Gas Warehouse Expansion, Florida Air-Gas, Tampa, Florida. Project Manager responsible for the design and construction support of this industrial structural steel warehouse expansion. This project required the design of a dock height continuously poured foundation with connections into the existing foundation system.

Florida Elks Youth Camp and Gymnasium Facility, Florida Elks, Ocala, Florida. Principal Engineer responsible for the design and construction support of this auditorium/gymnasium facility. This structure consisted of a pre-engineered metal building, cast-in-place concrete and concrete masonry construction.

Breezemaker Fans Warehouse and Manufacturing Facility, Breezemaker Fans, Tampa, Florida. Principal Engineer responsible for the design of this industrial structural steel warehouse complex. This project required the design of a dock height continuously poured foundation with connections into the structural steel foundation system.

Gandy Bait Shop Expansion, Gandy Bait Shop, Tampa, Florida. Principal Engineer responsible for the design and construction support of this dock height structural steel commercial expansion within an A-zone.

Circles Bar & Grill, Grenowitz & Hecker, Apollo Beach, Florida. Principal Engineer responsible for the design and construction support of this commercial kitchen and restaurant expansion. This structure employed concrete, masonry, structural steel, bar joist and engineered lumber as structural components.

Villa Borghese Condominiums, Gottschalk, AIA, San Key Beach, Florida. Principal Engineer responsible for the design of this new multi-story concrete and masonry structure proposed for the coastline of Clearwater beach.

Collier Detention Facility, State of Florida Department of Juvenile Justice, Collier County, Florida. Principal Engineer responsible for the design and construction support of this single story institutional facility. This facility employed and incorporated the use of YTONG building products.

Hillsborough Detention Facility, State of Florida Department of Juvenile Justice, Collier County, Florida. Principal Engineer responsible for the design and construction support of this single story institutional facility. This facility employed and incorporated the use of masonry and cast in place concrete.

Town-N-Country Professional Center, Hayward & Associates AIA, Tampa, Florida. Principal Engineer responsible for the design and construction support of this commercial office building. This facility employed and incorporated the use of masonry and cast in place concrete.



Building Structures Experience: (cont.)

Garden Of Memories Office Facility Reconstruction & Expansion, Garden of Memories, Tampa, Florida. Principal Engineer responsible for the evaluation of existing foundations, design and construction support of this office complex reconstruction & expansion.

Columbia Restaurant Kitchen Expansion, Columbia Restaurant, Ybor City, Florida. Principal Engineer responsible for the design and construction support of this commercial kitchen expansion and addition to an existing 80+ year old structure.

Road House Grill Engineered Redesign, Road House Grill, Brandon, Florida. Principal Engineer responsible for the evaluation, subsequent redesign and construction support of this commercial kitchen/restaurant structure. This project required the evaluation of original design plans, the evaluation of existing conditions and the preparation of revised design plans.

IMC-Agrico Settlement Pond Towers, IMC-Agrico, West Central Florida. Project Manager responsible for the design and construction support of these large industrial structural steel towers. The design of these towers included upgrading the substructure and superstructure to accommodate wave and wave impact loads.

Gandy Bridge – Friendship Trail Fishing Pier, Misner Marine, Tampa, Florida. Principal Engineer responsible for the value engineering redesign and construction support of this large mile long fishing pier. The design of pier included evaluating the substructure and superstructure of the existing bridge to accommodate the change in design as well as the increased loads.

Busch Gardens Montu Roller Coaster, Brown Testing Labs, Tampa, Florida. Project Engineer responsible for the design verification and construction support on the foundation of this multi-story inverted roller coaster.

Hicks Residence Engineered Redesign, Mr. & Mrs. Hicks, Tampa, Florida. Principal Engineer responsible for the evaluation, subsequent redesign and construction support of this residential reconstruction. This project required the evaluation of original design plans, the evaluation of existing conditions and the preparation of revised design plans.

Ford Residence Engineered Redesign, Mr. & Mrs. Ford, Belleair, Florida. Principal Engineer responsible for the evaluation, subsequent redesign and construction support of this residential A-zone addition. This project required the evaluation of original design plans, the evaluation of existing conditions and the preparation of revised design plans.

Williams Residence Engineered Redesign, Ms. Williams, Tiera Verde, Florida. Principal Engineer responsible for the evaluation, subsequent redesign and construction support of this residential A-zone structure. This project required the evaluation of original design plans, the evaluation of existing conditions and the preparation of revised design plans.

Matonte Residence Engineered Redesign, Mr. & Mrs. Matonte, Clearwater, Florida. Principal Engineer responsible for the evaluation, subsequent redesign and construction support of this residential A-zone addition. This project required the evaluation of original design plans, the evaluation of existing conditions and the preparation of revised design plans.



Transportation Structures Experience:

Mr. Bracken's transportation structures experience includes the design and analysis of proposed and existing concrete and steel structures utilizing cast-in-place and precast post-tensioned and/or pre-stressed concrete components. He has also been involved in upgrading and retrofitting structures to meet dynamic and increased static loading requirements as well as the design and rehabilitation of fixed and movable bridge projects. Some projects of particular interest are listed:

Veterans Expressway, Tampa, Florida. Project Engineer responsible for post-design construction services to various contractors. These services included footing and pile cap examination and redesign due to misdriven piles, superstructure and substructure analysis and redesign resulting from construction deviations.

U.S. 82 Mississippi River Crossing, Mississippi. Project Engineer responsible for the conceptual design, details and plan production of three cable-stayed bridge alternates to be included in a Bridge Type Study Report for the State of Mississippi.

Tuckertown Lake Bridge Replacement, Route NC 49, Tuckertown, North Carolina. Project Engineer responsible for the Bridge Type Study and subsequent preliminary design of this pre-stressed made continuous bulb tee multi-span structure.

I-4 & I-75 Bridge Widening projects, Central Florida. Project Engineer responsible for post-design construction services to various contractors. These services included footing and pile cap examination and redesign due to misdriven piles, superstructure and substructure analysis and redesign resulting from construction deviations.

Osceola Boulevard Bridge, Orlando, Florida. Project Engineer responsible for post-design construction and erection services on this four span partially continuous composite steel structure. Its span configuration consists of two 76 foot simple spans, which flank two 186 foot continuous spans. The complexity of its erection existed in the topographical constraints, maintenance of traffic considerations, existing structural constraints and the erection sequence.

Hoover Boulevard Bridge Replacement, Hillsborough County, Florida. Project Engineer responsible for the Bridge Type Study, preliminary and final design of this precast slab made continuous, composite bridge. The design of this structure involved reuse of the existing substructure while maintaining traffic.

West Meadows Boulevard Bridge, Atlantic Gulf Communities, Tampa, Florida. Project Engineer responsible for the Bridge Type Study, preliminary and final design of two superstructure alternates, a precast slab made continuous, composite superstructure and a simply reinforced cast-in-place superstructure. Mr. Bracken was also responsible for construction supervision and inspection of the selected alternate.

Baldwin Bridge Replacement, Old Lyme, Connecticut. Design Engineer responsible for computer modeling and shop drawing review. As part of his role, Mr. Bracken designed a dry hydrant fire protection system, the first to be placed on a continuous concrete structure. He also conducted a load rating analysis of this one-half-mile-long, twin box structure.

MacArthur Causeway Bridge, Miami, Florida. Design Engineer responsible for substructure analysis and design. Mr. Bracken was also involved in plan production, quantities and cost estimating.



Transportation Structures Experience: (cont)

Belleair Bascule Bridge Rehabilitation, Pinellas County, Florida. Design Engineer responsible for computer modeling and analysis of the existing bascule bridge. Three-dimensional dynamic models were used to determine the cause of structural steel cracks. Mr. Bracken was involved in design, plan production, and cost estimating of the retrofit.

Bayside Bridge, Pinellas County, Florida. Design Engineer involved in preliminary and final design. Mr. Bracken performed computer modeling to develop a long-span, post-tensioned flat slab alternate and was involved in design, geometry and plan preparation.

I-280 Seismic Analysis and Retrofit, San Francisco, California. Design Engineer for retrofitting an existing multistory interstate in order to meet current seismic requirements. He also performed the associated seismic analysis for the proposed retrofit schemes.

Roosevelt Boulevard Bridge Replacement, Stewart Florida. Project Engineer responsible for design checking and computer model verification on this precast concrete segmental box girder bridge.

Rio San Pablo Bridge, Republic of Panama. Project Engineer responsible for computer modeling and coordination of final design and plan production for this cast-in-place variable depth, box girder bridge.

Central Artery, Boston, Massachusetts. Design Engineer involved in design review and independent analyses of elevated curved precast box girder viaducts. Mr. Bracken also conducted feasibility studies for several cable-stayed crossings of the Charles River as part of this major public works project.

Kaneohe Interchange, Hawaii. As Design Engineer, Mr. Bracken conducted an independent analysis of this multiple box girder gore area. The analysis included an in-depth seismic analysis, as well as transverse and longitudinal modeling. He also participated in preparation of the associated report.

Elevated Guideways for Maglev Vehicles. Design Engineer involved in preliminary design alternative analysis, cost estimating and final design of segmental concrete guideways for use by high-speed, magnetically-levitated (Maglev) passenger vehicles.

T.J. Meenach Memorial Bridge, Spokane, Washington. Design Engineer responsible for computer modeling and analysis of a drop-in pre-/post-tensioned Washington Bulb Tee. Involved in preliminary and final design of superstructure as well as plan production.

Washington Metropolitan Area Transit Authority (WMATA), New Carrollton Station Repair, New Carrollton, Maryland. Design Engineer responsible for computer modeling and analysis of existing cast-in-place pre-stressed rail platform. The analysis was conducted to determine the cause of recent cracking. Mr. Bracken was involved in preliminary and final design of the retrofit scheme, as well as plan production.

Omni Extension to Miami Metromover, Miami, Florida. As a Design Engineer, Mr. Bracken reviewed structural steel shop drawings for a 1.5 mile, double-loop extension to the existing 1.9-mile automated guideway transit system. The extension comprises an elevated curved plate girder guideway.

Caloosahatchee River Bridge, Miami, Florida. Design Engineer responsible for computer modeling, analysis and final report preparation of existing bascule bridge damaged as a result of ship impact.



Transportation Structures Experience: (cont)

S.R. 105 Bridge over Sisters Creek, Duval County, Florida. Design Engineer responsible for computer modeling of the existing bascule bridge and the proposed retrofit scheme.

Highway PR52 Coamo River Bridge, Puerto Rico. Prepared documentation to support expert witness testimony. Documentation included graphic models, plan and section drawings, hydraulic analysis, drainage analysis and final report preparation.

Seabreeze Bridge (S.R. 430) Replacement, Daytona Beach, Florida. Design Engineer involved in the computer modeling and final design of the superstructure of this precast balanced cantilever variable depth structure.

Site / Civil Experience:

Mr. Bracken's site/civil experience includes the design and permitting of site / civil components and systems. Overlap can be found between some of these projects and those outlined within earlier section due to Bracken Engineering providing complete design services. Some projects of particular interest are listed:

IMC-Agrico Settlement Pond Towers, IMC-Agrico, West Central Florida. Project Manager responsible for the design and construction support of these large industrial structural steel towers. The design of these towers included upgrading the substructure and superstructure to accommodate wave and wave impact loads.

Florida Air-Gas Warehouse Expansion, Florida Air-Gas, Tampa, Florida. Principal Engineer responsible for the design and construction support of this industrial structural steel warehouse expansion. This project required site/civil work involving mitigation of proposed run-off.

Gandy Bait Shop, Tampa, Florida. Principal Engineer responsible for the design, discipline coordination, permitting and construction supervision. Civil Engineer responsible for design and permitting of the stormwater system. Transportation Engineer responsible for the design and permitting of the parking and access onto a major state road.

Knothole Creations Manufacturing Facility, Largo, Florida. Principal Engineer responsible for the design, discipline coordination, permitting and construction supervision. Civil Engineer responsible for design and permitting of the stormwater and transportation systems.

Breezemaker Fans Warehouse Expansion, Tampa, Florida. Principal Engineer responsible for the design, discipline coordination, permitting and construction supervision. Civil Engineer responsible for design and permitting of the stormwater and transportation systems.

RACCA Office & Training Center, Tampa, Florida. Principal Engineer responsible for the design, discipline coordination, permitting and construction supervision. Civil Engineer responsible for design and permitting of the stormwater and transportation systems.

Columbus Court Apartments Seawall Restoration, Insignia Property Management Group, Tampa, Florida. Principal Engineer responsible for identifying the cause of failure and designing an insitu replacement of approximately 1500 LF of riverfront seawall.

Breden Seawall Restoration, Mr. & Mrs. Breden, Temple Terrace, Florida. Principal Engineer responsible for identifying the cause of failure and designing an insitu replacement of approximately 200 LF of riverfront seawall.



Site / Civil Experience: (cont.)

Samuels Seawall Restoration, IDEA, Tampa, Florida. Principal Engineer responsible for the design of a bracing system intended to replace the original tie-backs to facilitate the installation of a swimming pool.

78th Avenue CSX Utility Crossing, City of Pinellas Park, Pinellas Park, Florida. Principal Engineer working with the contractor to design and provide construction assistance during the jack & boring of a 5' diameter pipe within the 78th avenue right of way and beneath the CSX rail road right of way.

Northstar Level V subterranean Utility Installations, Northstar Communications, Tampa, Florida. Principal Engineer responsible for overseeing the design of the alignment of both jack & bore and open cut cable conduit installation within Local, county and state right of ways.

ComTech DOT Bridge Utility Installations, ComTech Contractors, Northern Florida. Principal Engineer responsible for the design of the alignment of both hanger suspended and directional bore cable conduit installation within state right of ways and off of DOT Transportation structures.

City of St Petersburg Utility Improvement Projects, City of St Petersburg, Florida. Participated in the design of the alignment of both jack & bore and open cut potable, non-potable, waste water and stormwater force mains within the city's right of ways.

Baldwin Bridge Fire Hydrant System, Connecticut Department of Transportation, Connecticut. Design engineer responsible for the design and alignment of the first hanger suspended fully charged fire hydrant system placed on a FHWA bridge structure.

Barnes & Noble of Melbourne, Greenhorne & O'Mara, Melbourne, Florida. Principal engineer responsible for the design of a stormwater vault system intended to replace the original system as a result of a catastrophic failure.

CTT Storage & Maintenance Facility, CTT Framing, Oldsmar, Florida. Principal Engineer responsible for the design of the site and stormwater system.

East Bay Speedway Site Modifications, East Bay Speedway, Riverview, Florida. Stormwater System Modifications intended to recapture a greater usable portion of the existing site.

Town-N-Country Professional Center, Hayward & Associates AIA, Tampa, Florida. Principal Engineer responsible for the design of the site and stormwater system as well as preparing, representing and obtaining Zoning Variances.

Calusa Trace Sound Wall Study, Calusa Trace Homeowners Association, Tampa, Florida. Principal Engineer Conducted a feasibility study of the existing wall with respect to the realigned and raised roadway.