

Curriculum Vitae

Christopher A. Banbury, P.E., P.Eng.



Mr. Banbury has over 25 years of experience in the fields of structural and civil engineering. He has a Bachelor of Science in Civil Engineering from the University of Kentucky and a Bachelor of Science in Physics from Western Kentucky University. Mr. Banbury is experienced in the design of low-rise commercial, residential, and industrial structures as well as the design and permitting of commercial site developments. Mr. Banbury's primary focus is forensic investigations, structural remediation and design, foundation subsidence and building envelope studies. He is currently licensed to practice engineering in Florida and Alberta.

Licensure and Certification

- Licensed Professional Engineer in Florida, #58547
- Licensed Professional Engineer in Alberta, Canada, #134562
- Structures Specialist (StS1) for Urban Search and Rescue (USAR) Operations, United States Army Corps of Engineers
- Licensed Professional Engineer in Saskatchewan, Canada (Inactive)
- Licensed Professional Engineer in Nunavut, Canada (Inactive)
- Licensed Professional Engineer in Northwest Territories, Canada (Inactive)
- Licensed Professional Engineer in Yukon, Canada (Inactive)
- Licensed Professional Engineer in British Columbia, Canada (Inactive)
- Licensed Professional Engineer in Kentucky (Inactive)

Formal Education

- Bachelor of Science in Civil Engineering, University of Kentucky, 1996
- Bachelor of Science in Physics, Western Kentucky University, 1997
- Graduate studies in Structural and Geotechnical Engineering, University of Kentucky, 1996-1997

Professional Development

- BOT-3000E Tribometer Certification Program, Walkway Management Group, Online, 2020
- Forensic and Technical Photography, Parkland County Fire Services, Alberta, 2019
- In-Situ Stabilization of Soil Slopes, Geosynthetic Education Institute, Online, 2018
- USAR Field Exercise, Virginia, CAN-TF2 and VA-TF1, Fairfax Co, VA, 2017
- USAR Field Exercise, EMX-17, CAN-TF2, Calgary, Alberta, 2017
- Building Science Experts, Building Science Corp., Westford, MA, 2016
- USAR Field Exercise, EMX-16, CAN-TF2, Trochu, Alberta, 2016
- Building Science Fundamentals, Building Science Corp., Denver, CO, 2015
- Forensic Photography, Global Forensics, Red Deer, Alberta, 2015
- USAR Field Exercise, EMX-15, CAN-TF2, Thorhild, Alberta, 2015
- Building Codes in Alberta, Lorman Education Services, Edmonton, Alberta, 2014
- Connections for Design Engineers, CISC/ICCA, Calgary, Alberta, 2014
- Fall Protection Engineering, High Engineering Corp., Calgary, Alberta, 2014
- Structures Specialist (StS1) for USAR Operations, FEMA/USACE, NASA Ames Research Center, San Jose, CA, 2013

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- Industrial Building Design, CISC/ICCA, Calgary, Alberta, 2013
- An Introduction to Cathodic Protection, PDH Library, Online, 2013
- Depositions, RedVector, Online, 2009
- Concrete Evaluation and Causes of Damage, RedVector, Online, 2009
- Building Pathology: Foundations, RedVector, Online, 2009
- 2006 IBC Nonstructural Fire and Life Safety Principles, International Code Council, Brooksville, FL, 2008
- Structural Masonry Design, Florida Masonry Apprentice Foundation, Tampa, FL, December 2007
- Florida Accessibility Code - Advanced, Florida Department of Community Affairs, 2007
- Florida Building Code - Wind Load Design, Florida Engineering Society, Fort Lauderdale, FL, 2006
- Connection Design for Steel Structures, ASCE, New Orleans, LA, 2003
- Coastal Construction, Florida Engineering Society, Tampa, FL, 2003
- Residential Coastal Construction, Florida Department of Community Affairs, Tampa, FL, 2003
- Structure Principles, Code Applications for Wind, International Code Council, Tampa, FL, 2003
- Florida Building Code - Structural, Florida Engineering Society, Tampa, FL, 2002
- Main Drain Entrapment, National Spa and Pool Institution, Clearwater, FL, 2002
- Florida Building Code - Structural Code Core Course, Florida Engineering Society, Marco Island, FL, 2001
- Proper Determination of Seasonal High Ground Water Table, USDA, Brooksville, FL, 2001

Professional Service and Affiliations

- Structural Engineer Team Member, Canada Task Force 2 (CAN-TF2) for Urban Search and Rescue (USAR), 2011-2019
- USAR Deployment, Fort McMurray Wildfire, CAN-TF2, 2016
- USAR Deployment, Calgary Snowstorm, CAN-TF2, 2014
- USAR Deployment, Calgary Flood, CAN-TF2, 2013
- Code Writer, Florida Administrative Code (FAC) 61G15-31, Structural Engineering Rule Amendment, Florida Engineering Society (FES) Constructed Environment Committee, 2008-2009
- Code Writer, FAC 61G15-30, General Engineering Rule Amendment, FES Constructed Environment Committee, 2008-2009
- Chairman, Hernando County Board of Construction Regulation, Florida, 2006
- Presenter, New Structural Provisions of the 2004 Florida Building Code, Hernando County Building Officials Association of Florida (BOAF), 2004
- Vice Chairman, Hernando County Board of Construction Regulation, Florida, 2004
- President, Nature Coast Chapter, Florida Engineering Society, 2004
- Chairman, Hernando County Board of Adjustments and Appeals, Florida, 2003

Professional Experience

- Partner, Áreté Forensics, PLLC, Orlando, FL 2021 – present
- Senior Engineer III, J.S. Held, LLC, Orlando, FL, 2021 - 2021

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- Project Manager, Forensic Engineering Technologies, LLC, Orlando, FL, 2020 – Present
- Structural Engineer, Anderson Associates Consulting Engineers, Inc., 2013-2019
- Senior Engineer, J+B Engineering, Inc., 2012-2013
- Structural Forensic Engineer, Sintra Engineering, Inc., 2011-2012
- Senior Forensic Engineer, SDII Global Corporation, 2009-2011
- Owner/Design Engineer, Ark Engineering, Inc., 2004-2009
- Vice President/Design Engineer, Nicholson Engineering Associates, Inc., 1997-2004
- Graduate Assistant, University of Kentucky, 1996-1997
- Engineer Intern, GRW Engineers & Aerial Surveys, 1994-1995

Honors and Awards

- ΣΠΣ Physics Honor Society, Inducted Lifetime Member, 1993
- Cum Laude, Western Kentucky University, 1993