

Dr. R. Edward Minchin, Jr., P.E.

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Coordinator of Graduate Programs
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SUMMARY OF QUALIFICATIONS:

In a 28-year career, Dr. Minchin has worked in nearly all major areas of highway construction. He started his career as a construction laborer with Trawick Construction before graduating from college and taking a job as an Estimator with Couch Construction Company (later APAC-Florida). Moving to the Florida Department of Transportation (FDOT), he worked for a major construction owner in a number of capacities, including construction inspector, Project Engineer, Resident Engineer, and finally the state's Chief Area Construction Engineer. Once in academia, Dr. Minchin served as a consultant to the Iowa Department of Transportation (IDOT) on two contracts dealing with the largest construction project in the state's history, the I-235 Corridor project through Des Moines. Finally, as a researcher, he has participated in numerous highway construction research projects for the Pennsylvania Transportation Institute, the USDOT, IDOT, FDOT, and equipment manufacturers Ingersoll-Rand and Caterpillar.

Dr. Minchin is a nationally-recognized authority on Construction Management, and has taught courses in Construction Law and Construction Contracts Interpretation. He has authored over 75 published papers, and reports and has lectured nationally and internationally, once being awarded for the best paper at the top international construction conference – a paper based on his research of an FDOT construction project, and more recently serving as the Keynote Speaker of a national meeting of the construction industry in Beijing, China. He has been lead researcher on 13 projects worth over \$1,100,000 and has assisted on several more worth over \$1,400,000.

Dr. Minchin also served for eight years as a reserve naval officer. His last assignment was as a battalion Company Commander in the U.S. Navy Civil Engineer Corps, earning a Naval Achievement Medal in 1992.

EDUCATIONAL BACKGROUND:

Penn State University	Civil Engineering	PhD	1999
University of Florida	Civil Engineering	ME	1984
University of Florida	Civil Engineering	BSCE	1983

EMPLOYMENT:

a. Academic Employment:

University of Florida Rinker School of Building Construction	Associate Professor (tenure-accruing)	Aug 2007 - present
University of Florida Department of Civil & Coastal Engineering	Assistant Professor (tenure-accruing)	Aug 2001 – Aug 2007
Iowa State University Department of Civil & Construction Engineering	Assistant Professor (tenure-accruing)	Aug 1999 - Aug 2001
Penn State University Pennsylvania Transportation Institute	Faculty Associate (not tenure-accruing)	Dec 1996 - Aug 2000
Penn State University Department of Civil & Environmental Engineering	Instructor (not tenure-accruing)	Aug 1996 - Aug 1998
University of Florida Department of Civil Engineering	Teaching Assistant (not tenure-accruing)	Aug 1982 - Aug 1984 (Part-time)

b. Industry Employment:

Florida Department of Transportation Tallahassee, Florida	Chief Area Construction Engineer	Nov 1992 - Aug 1996
Florida Department of Transportation Crestview, Florida	Resident Construction Engineer	Jun 1987 - Nov 1992
United States Navy Civil Engineer Corps Jacksonville and Tallahassee, Florida	Reserve Officer Const. Battalion	(Part-time) Apr 1986 - Sep 1994
Florida Department of Transportation Lake City, Florida	Drainage Design Engineer	Dec 1985 - Jun 1987
Couch Construction Inc. Tampa, Florida	Estimator	Aug 1984 - Feb 1985
Florida Department of Transportation Chipley and Gainesville, Florida	Cooperative Engineering Employee	Jun 1977 - Dec 1981 (9 academic terms as full-time employee during this time frame)

MEMBERSHIP AND ACTIVITIES IN THE PROFESSION:

a. Professional Registration:

Florida, Registered Professional Engineer	P.E. #38739	06/18/88
Certified for service on Dispute Resolution Board		09/17/07
Certified, Disputes Review Board Chair		10/04/09

b. Professional Organization Membership:

- American Society of Civil Engineers (ASCE) 09/01/96 to present
- Transportation Research Board (TRB) 08/06/95 to present
- Conseil International du Batiment (CIB) Through UF Membership

c. Professional Committee Membership:

Organization	Committee	Dates
American Society of Civil Engineers (ASCE)	Committee on Construction Inspection and Quality Control (Chair as of 10/21/06)	October 15, 1996 - present
TRB (National Academy of Science)	Committee on Construction Equipment	May 15, 1996 - 2003
TRB	AFH30 - Committee on Emerging Technology for Design and Construction	May 16, 2001 – February 19, 2011
ASCE	Construction Research Council	October 14, 2001 - present
TRB	AFH10 - Committee on Construction Management	April 15, 2002 - present
Counseil International du Batiment (CIB)	W65 – Committee on Construction Management	June, 2005 - present
Federal Highway Administration (FHWA)	Construction Management Expert Technical Group (ETG)	May, 2008 - present
Construction Industry Institute	Academic Committee	March 18, 2010 - present

d. Professional Organization Offices:

1. **Chair** - ASCE Committee on Construction Inspection and Quality Control
2. **Assistant Specialty Editor - Construction Materials and Methods**, Journal of Construction Engineering and Management