

# Dr. Ralph D. Ellis, Jr., P.E.(Retired)

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## Summary of Qualifications

Dr. Ellis has a unique balance of practical industry experience and scholarly achievement. He has worked as a construction projects manager and has managed his family owned construction business. After 18 years in industry, he returned to the University of Florida to teach Construction Management to Civil Engineering students. As a Professor in the Department of Civil Engineering, he has worked closely with the Florida Department of Transportation and with its construction contractors in numerous training and research activities. He is a nationally recognized authority on Construction Management. Dr. Ellis has been actively involved with DRBs since 2001 serving on 58 DRBs and been the Chairman on 22 DRBs. He is Past President of the Disputes Review Board Foundation of Florida.

## Education

1989 Ph.D. in Civil Engineering, University of Florida  
1987 Master of Business Administration, Nova University  
1971 Master of Engineering in Civil Engineering, University of Florida  
1970 Bachelor of Civil Engineering, University of Florida

## Professional Experience

2016 – Present

**Professor Emeritus**, Construction Engineering, Department of Civil Engineering, University of Florida  
Retired.

1989 – 2016

**Associate Professor**, Construction Engineering, Department of Civil Engineering, University of Florida  
Dr. Ellis' responsibilities involve teaching, performing research and service activities. He has significantly improved the construction courses within the Civil Engineering program. He has performed numerous research projects including many with the Florida Department of Transportation and several AASHTO sponsored projects, which have contributed significantly to the improvement of the transportation construction industry.

1980 – 1987

**Projects Director**, The FMI-Hammer Joint Venture, Miami, Florida

In 1980 Hammer Corporation and Fred McGilvray, Inc. formed a joint venture partnership for the performance of offshore construction projects. Ralph Ellis was responsible for directing all joint venture project management activities. Principal customer was the U.S. Army Corps of Engineers. Projects consisted of a variety of commercial/military infrastructure projects several of which included airfield paving and roadway construction. Approximate contract volume \$51 million.

1974 – 1987

**President**, Hammer Corporation, Miami, FL

In 1974 he assumed the lead of a closely held family construction business. He was the chief officer responsible for all management activities at the business level as well as supervision of project management activities. The firm initially performed a variety of commercial and municipal projects in south Florida and

eventually branched out into performing offshore projects for the U.S. Army Corps of Engineers. Approximate contract volume \$ 39 million.

1972 – 1973

**Projects Manager**, Fred McGilvray, Inc., Miami, FL

He was responsible for all project management activities on assigned projects including estimating, bidding, and direct project management.

1971 – 1972

**Engineer Officer**, U.S. Army

Commissioned Officer in the U.S. Army Engineer Corps, Left service at rank of Captain

## **Professional Registrations and Accreditations**

Registered Professional Engineer in Florida, License No. 14982 (Retired)

Completed Disputes Review Board Practice and Administration Training Workshop by the Disputes Review Board Foundation

Completed Disputes Review Board Chairman's Training Workshop by the Disputes Review Board Foundation

Completed Florida Advanced Maintenance of Traffic Training course

## **Additional Professional Activities**

Past Member Board of Governors, Construction Institute, American Society of Civil Engineers

Past Director, Education and Research Directorate, Construction Institute, American Society of Civil Engineers

Past President, Construction Research Council of the American Society of Civil Engineers

Past Member, Executive Committee, Construction Division of the American Society of Civil Engineers

Past Member Board of Direction for the Florida Construction Users Roundtable

Member, Disputes Resolution Board Foundation

Member, American Society of Civil Engineers