



REGISTRATIONS

- Texas, P.E.
- Puerto Rico, P.E.

EDUCATION

Cornell University

Ph.D. Structural Engineering, 1980

Cornell University

M.S. Structural Engineering, 1978

University of Puerto Rico

B.S. Civil Engineering, 1975

SELECT PRACTICE AREAS

- Forensic Investigation
- Concrete Materials & Durability
- Structural Evaluation
- Concrete Construction
- Repair and Remediation
- Training and Education
- Litigation Support

SELECT PROF. AFFILIATIONS

- American Concrete Institute (ACI)
- American Society of Civil Engineers (ASCE)
- American Society of Testing and Materials (ASTM)
- Structural Engineers Association of Texas (SEAoT)
- The American College of Forensic Examiners

EXPERIENCE

Dr. Ramón Carrasquillo is the Founder and President of Carrasquillo Associates (CA). Ramón is recognized worldwide for his expertise in concrete materials, construction, and structural engineering. He has completed over 500 consulting assignments ranging from product developments, materials, and production of concrete to durability, specifications, construction practices, failure analyses, and repair and rehabilitation of existing structures.

Ramón was a professor and researcher at The University of Texas at Austin for 22 years. From 1992 to 1996, Ramón was the Associate Director of the International Center for Aggregates Research. In addition, Ramón was the Founder and President of Rainbow Materials, Inc., a ready mix concrete company which operated in the Central Texas market from 1994 until 2004. Ramón has published over 100 academic publications and reports and given over 400 technical presentations.

SELECT TECHNICAL COMMITTEES

- ACI Committee 201 – Durability of Concrete
- ACI Committee 211 – Proportioning Concrete Mixtures
- ACI Committee 232 – Fly Ash and Natural Pozzolans in Concrete
- ACI Committee 301 – Specifications for Concrete
- ASTM Committee C09 – Concrete and Concrete Aggregates

SELECTED PROJECTS

Construction Materials and Durability

- Mass Concrete Development and Placement for UT Health Sciences Center: Houston, TX
- Concrete Development and Placement for San Roque Dam and Reservoir: Manila, Philippines
- Architectural Concrete Development and Placement for Modern Art Museum of Fort Worth: Fort Worth, TX
- Development of Coal Combustion Byproduct for Use as Fill and Concrete Aggregate: San Juan, PR

Forensics / Repair & Remediation

- Evaluation and Repair of Valdez Marine Terminal: Valdez, AK
- Evaluating Cause and Preventing Cracks in Precast, Post-Tensioned Concrete Bridge Girders: San Juan, PR
- Structural Evaluation, Monitoring, and Repair of 18,500 Seat Arena: San Juan, PR
- Structural Evaluation and Remediation of Power Plant Mass Concrete Foundation: La Grange, TX
- Structural Evaluation and Repair of Bioreactor: Doha, Qatar
- Evaluation and Retrofit of Reinforced Concrete Cantilever: Austin, TX
- Structural Evaluation, Service Life Cost Analysis, & Repair Recommendations of Dos Hermanos Bridge: San Juan, PR
- Condition Assessment and Repair Recommendations of ABIA Structures: Austin, TX

CONTACT INFO

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