

**ISRAEL RODRÍGUEZ VÁZQUEZ, PE**  
**Geotechnical and Materials Engineer**

<b>EDUCATION</b>	Bachelor of Science in Civil Engineering, 1981 University of Puerto Rico, Mayagüez Campus
<b>PROFESSIONAL REGISTRATION</b>	Licensed Professional Engineer (No. 9200) Commonwealth of Puerto Rico
<b>AFFILIATIONS</b>	Colegio de Ingenieros y Agrimensores de Puerto Rico (CIAPR)  American Concrete Institute  Sociedad de Ingenieros Geotécnicos de Puerto Rico
<b>SHORT COURSES/ SEMINARS</b>	Fallout Shelter Evaluation, August, 1979  Radiation Safety and Use of Nuclear Soil Gauges, May, 1987  The Design and Uses of Geotechnical Instrumentation, January, 1987  40-Hour OSHA Training for Work in Hazardous Locations, San Juan, Puerto Rico, 1987  Quality Control of Ready Mix Concrete, July 1990  Lead Inspector Training, Hato Rey, PR, February 1994  Restoration of Historical Buildings, May 1994  Reinforced Earth and Retaining Structure, Hato Rey, PR, August 1994.  Radiograph & Film Interpretation, Ponce, PR, October 1996  Welding Inspection Course, March 1997  Directional Drilling Workshop, June 2000

Radiation Safety Officer Seminar for Nuclear Gauges, January 2001

Present and Future of Concrete Design, April 2001

Inclinometer Training Workshop Program, July 2001

Guías Prácticas para la inspección de los procesos de pavimentación de mezclas asfálticas, March 2004

Perspectivas Globales sobre el desarrollo del hormigón, January 2010

Primavera Contract Manager, May 2011

## **PROFESSIONAL EXPERIENCE**

Mr. Rodríguez rejoined GMTS in 2012, after having worked in EHA Engineering Services from 2011 to 2012 as resident engineer in a 21<sup>st</sup> Century School project. His responsibilities include project drawings and specification review, project inspection, material and equipment compliance with project specification, proposal and certifications review and preparation of daily, weekly and monthly reports.

Mr. Rodríguez worked for GMTS from 1996 to 2010, after having worked in Soil Tech since 1988 as soils and materials laboratory chief. His responsibilities includes soils and materials testing, consulting, and personnel coordination; supervision of soils and construction materials technicians performing field and laboratory tests and compliance with applicable project specifications and in charge of installation and monitoring of geotechnical instrumentation. He is responsible of writing and reviewing laboratory reports; field observation of earth fills construction operations; and field and laboratory testing. Mr. Rodriguez was also involved in these tasks as staff engineer of Caribbean Soil Testing Corp. from 1981 to 1988.

Mr. Rodríguez is also directly involved in structural evaluations of existing structures. These projects involve the determination of size, location and strength of steel rebars, determination of dimension and compressive strength of concrete elements, static load tests and corrosion testing of steel-in-concrete. He is responsible of supervising destructive and non-destructive testing operations, and field and laboratory testing on concrete, steel, ceramics, spray-on- fireproofing, wood, and other construction materials.

## **KEY PROJECTS**

Structural Investigation Jesús T. Piñero Housing Project, Canóvanas,

Puerto Rico, 1989

Structural Investigation at Domingo Domínguez, Río Piedras, PR, 1990

The Field Structural Investigation & The Engineering Materials Science of the Basement (Cellar) Eli Lilly Industries, Inc. Carolina, Puerto Rico, 1991

New Fenwall Division Baxter, San Germán, Puerto Rico, 1994

Bridge over Río Hondo River, Bristol Meyers Squibb, Mayagüez, PR, 1996

Valles del Lago Development, Caguas, Puerto Rico, 1996.

Structural Investigation Ochoa Building, San Juan, Puerto Rico, 1996

Structural Investigation Puerto Rico Art Museum, San Juan, PR, 1997

Structural Investigation Justice Department Building, San Juan, PR, 1998

Subsoil exploration program - New Conservatory of Music Building, San Juan, Puerto Rico, 1999

IPR Pharmaceutical - Infrastructure, Canóvanas, Puerto Rico, 1999-present

New Walgreen's Distribution Center, Carolina, Puerto Rico, 2000

Pharmacia Corp. – Nicorette Manufacturing Expansion, Barceloneta, Puerto Rico, 2000

PR-66 Stage 2 – Canóvanas to Río Grande, Puerto Rico – Preliminary and Final Subsoil Exploration Program – 2006 to 2010

PR-17 and PR-181 Intersection – San Juan, Puerto Rico – Subsoil Exploration Program, 2008

Geotechnical Engineering consulting services for MSDQ – various A & E firms for the facilities in Barceloneta and Arecibo, Puerto Rico – 1986 to 2010

Resident Inspector at a 21<sup>st</sup> Century School, Dr. Rafael López Landrón, Guayama, Puerto Rico - 2011-2012