

## David J. Mendez, P.E.

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### **EDUCATION**

Bachelor of Science in Civil Engineering, University of Florida, 1990

Graduate of the U.S. Army Engineer Officer Basic Course (with Honors), 1991

### **PROFESSIONAL CERTIFICATIONS**

- Florida Registered Professional Engineer, #49027
- Building Code Core Course Credit
- Qualified Storm water Management Inspector, #18440
- Advanced Maintenance of Traffic, BT-05-0079

### **PROFESSIONAL AFFILIATION**

Florida Engineering Society (FES)

I have nearly 24 years of experience working as a Civil Engineer in professional, technical, and supervisory positions involving major engineering and construction projects. I have served as project manager, designer, and/or Engineer of Record in the design of Roadway, Structural, Drainage, Signalization, and Signing & Pavement Marking plans for projects ranging from \$50K to \$50M and have also overseen the construction of various municipal capital improvement projects.

### ***TYLin International - January 2012 – March 2014***

#### **Position: Senior Project Manager**

Responsible for overseeing the efforts of the Highway Section of the Miami Office including: plans production, proposals, Design-Build teaming, post design services, and QA/QC for projects with Florida Department of Transportation (FDOT) Districts 4 & 6, the Miami Dade Expressway Authority (MDX) and South Florida municipalities and counties. Served as the MDX client liaison for the Miami office. Also assisted in all aspects of rail/transit/airport/highway projects performed in the Caribbean and Latin America utilizing local and U.S. Standards. Left firm as part of reduction in force due to lack of work.

### ***HNTB - October 2010 – July 2011***

#### **Position: Senior Project Manager**

Responsible for monitoring the MDX program's QA/QC process and performing actual QA/QC reviews, developing new file structures for program design, construction, planning and PD&E, and assisting project managers and consultants to adhere to standard roadway design practices and procedures. Left firm as MDX eliminated program position and budget.

### ***WRSSCompass - May 2010 – October 2010***

#### **Position: Program Director - Transportation**

Responsible for spearheading the firm's desired expansion into the transportation market for projects including PD&E, Design, Construction and CEI. Also responsible for administering the firm's longstanding Contamination & Remediation (CAR) Contracts with FDOT statewide. Left firm to join nationally recognized firm with strong local presence in transportation market.

### ***CITY OF MIAMI - March 2007 – April 2010***

#### **Position: Chief Civil Engineer, (Public Works Department: September 2009 - April 2010)**

Served as City's official Chief Civil Engineer in a professional, technical, and supervisory position that directed the major engineering and construction functions within the Department of Public Works.

Supervised a staff of nearly 30 professional and semi-professional City employees and consultants assigned to the Development, Roadway Plans, Right-of-Way, Permits, Utilities, Construction, Survey sections within Public Works. Responsible for overseeing development of all design documents produced by City staff, as well as all aspects of Public Works construction projects including drainage, roadway repair, and sea wall inspection. Left City following elections and administrative leadership changes.

#### **Position: Assistant Capital Improvements Program (CIP) Director (CIP: March 2007 – September 2009)**

Supervised a staff of nearly 40 professionals and semi-professional City employees and consultants responsible for implementing the City's Capital Improvements Program. Responsible for all aspects of program implementation including planning, estimating, consultant acquisition, design, permitting, construction, post-design services, and hand-over to client department. The CIP included restoring the City's infrastructure as well as providing capital improvements for all departments of the City including Parks and Recreation, Fire, Police, General Services Administration, and Public Facilities. Coordinated structural reviews and construction oversight of several City landmarks and unique structures including: City Hall, Old Fire Station # 2, Fire Training Facility, West Police Station, Little Haiti Marketplace, numerous community centers, pools, and miscellaneous City structures, US 1 'Pink Wall' replacement, Coral Gate Privacy Wall, and the College of Policing (a state of the art training facility and magnet high school). Responsible for overseeing all aspects of construction for both horizontal and vertical projects including: bid review, award, pre-construction activities, construction management,

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review and approval of all invoices, resolution and review of all claims and change orders, approval and development of all Job Order Contracting (JOC) work orders, utility coordination, inter-agency coordination, and contract close-outs. Promoted to Chief Civil Engineer in Public Works.

### ***FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT VI, MIAMI June, 1990- March, 2007***

#### **Position: *Senior Project Manager (Consultant Management) (1999-2007)***

Supervised design consultants and coordinated with FDOT personnel in the production of design drawings from advertisement through selection, negotiation, plans production, construction bid and post-design activities. Responsible for the delivery of public transportation projects with a total construction cost of over \$100 million with the most relevant projects noted below:

- **Reconstruction of South Roosevelt Boulevard (SR A1A) in Key West, FL:** This environmentally and politically sensitive project involved reconstruction of a four-lane urban arterial and required extensive coordination with state and federal permitting agencies including the Army Corps of Engineers and the City of Key West.
- **Widening of the I-75 Bridge-Ramp from the Palmetto Expressway To I-75:** Widening of this bridge ramp from one to two lanes was the first post-tensioned, pre-cast concrete segmental bridge ever accomplished in North America.
- **NW 79<sup>th</sup> Avenue Bridge:** This project was completed via a Join Project Agreement (JPA) with Miami-Dade County and required extensive coordination with permitting agencies, the County Right of Way office, and Miami-Dade Transit.

In addition, designed, drafted, and signed & sealed numerous other projects. Responsible for construction estimates and consultant fee estimates. Acted as EEO compliance officer for the office of Consultant Management. Led the District's Technology Section of the District's Continuance of Operations (COOP). Worked for FEMA on behalf of FDOT following the devastating hurricanes of Jeanne, Francis and Charlie in 2004. Actively called upon to represent my superiors in various meetings. Left FDOT to join City of Miami.

#### **Position: *Project Engineer (Internal Design) (1992-1999)***

Responsible for the production of construction drawings. Produced all aspects of plans including, roadway, signing and pavement marking, signalization and drainage using Microstation and Geopak. Projects included:

**SW 8<sup>th</sup> St./Tamiami Trail** (Miami, FL) – SW 127<sup>th</sup> Ave. to SW 177<sup>th</sup> Ave. | **US 1** (Miami/Coral Gables, FL) – Riviera Drive to I-95 | **Sunset Drive / SW 72<sup>nd</sup> St.** (Miami, FL) – SW 67<sup>th</sup> Ave. to SW 109<sup>th</sup> Ave. | **SR 5/US 1/Biscayne Blvd.** (Burle Marx Beautification Project) (Miami, FL).– SE 2<sup>nd</sup> St. to NE 5<sup>th</sup> St.

#### **Position: *Professional Engineer Trainee (1990-1992)***

Completed two year comprehensive training program wherein I received hands-on experience in every technical and administrative area of the Department including Planning, Work Program, PD&E, Highway Design, Survey, Right of Way, Structures, Construction, Traffic Operations and Maintenance.

### ***U.S. ARMY RESERVE, 1989-1997***

#### **Position: *Engineer Equipment Officer (841<sup>st</sup> Engineer Battalion) (1996-1997)***

Responsible for the status and disposition of all equipment for a 600-soldier-strong battalion as a staff officer.

#### **Position: *Executive Officer (D Co., 841<sup>st</sup> Engineer Battalion) (1995-1996)***

Responsible for the daily operation of a 136-soldier Combat Engineer Company as second in command. Promoted to Captain.

#### **Position: *Heavy Equipment Platoon Leader (D Co., 841<sup>st</sup> Engineer Battalion) (1993-1995)***

Responsible for 36-soldier platoon equipped with bulldozers, scoop loaders, dump trucks, and Humvees. Constructed several projects as OIC (Officer in Charge) including:

Treat Road Culvert, Camp Blanding, FL: Complete replacement of 4' diameter, 200' long culvert in 6 days. Including headwall and roadbed construction. Received Army Commendation Medal.

Martinez Reserve Center Site Preparation, Perrine, FL: Designed and constructed a 2-acre training site for Medical Unit.

Marine Reserve Center Obstacle Course, Hialeah, FL: Constructed a complete obstacle course on 2 acre site. Project required extensive coordination with USMC and U.S. Navy.