



ALAA A. EL-HALWAGY, P.E.
SR. PROJECT ENGINEER

EDUCATION:

M.S. Construction Management, Florida International University, Not completed yet
B.S. Civil Engineering, University of Cairo, 1977

REGISTRATION:

Florida Professional Engineer License No.: 44925
Florida Certified General Contractor No.: 57154

QUALIFICATIONS:

Thirty (30) years of experience in Civil and Transportation Engineering to include: Construction and Design Project Management; Construction Engineering and Inspection (FDOT Districts 4 & 6); Highway Design – Roadway and Drainage design; Commercial and Residential Design and Construction; Experience in resolution of contract claims, disputes and the preparation of all final project documents, and Value Engineering and Project Cost-Benefit Analysis.

PROFESSIONAL EXPERIENCE:

Feb'03 – Date **Innovative Group, Inc. – Sr. Project Engineer**

Power-line Road (I) & (II) Resurfacing Project in Broward County – Responsible for construction contract administration and oversight of the two above listed construction contracts totaling over \$25 million. Scope of work includes milling, resurfacing, signalization, lighting, drainage, landscaping, concrete sidewalk, shoulder widening, drainage enhancements, and safety enhancements.

Reference(s): **Rudi Batz, P.E.** – FDOT District 4 Ft. Lauderdale Area Construction Engineer (954) 776-4300

Oakland Park Blvd. in Broward County – Responsible for the oversight of the two-mile heavily congested, urbanized section of Oakland for approximately \$8 million. Scope of work includes roadway widening, reconstruction, resurfacing, bridge reconstruction, drainage installation, lighting installation, signalization installation, landscape installation, signing and pavement markings, and utility installation.

Reference(s): **Jay Jalali** – FDOT District 4 Ft. Lauderdale Area Construction Engineer (305) 776-4300

May'93 – Feb'03 **FDOT - District IV - Ft. Lauderdale Construction, Resident Construction Engineer**

Responsible for maintaining the surveillance of and the contact with Construction Engineering and Inspection (CEI) personnel on all Department of Transportation construction projects in Broward County. This included the total supervision and administration of the Resident construction office and all field and project offices to ensure quality and compliance. Responsibilities also included attending all necessary public meetings and act as the liaison between the Department of Transportation, Federal Highway Administration, city & county officials, property owners, the media and others concerned with the work.

Reference: **Jennifer Olson, P.E.** – Florida's Turnpike Enterprise Assistant District Secretary (954) 931-6173

FDOT - DISTRICT IV – DESIGN OFFICE, SENIOR DESIGN PROJECT MANAGER

Responsible for hiring, directing and assisting consulting firms for the development of the construction documents for various projects in District Four. This included preparation of the consultant agreements, coordination with in-house staff and acting as a liaison with the Federal, State and all local municipalities and agencies.

Reference: **James Wolfe, P.E.** – District IV Secretary (954) 486-1400

FDOT - DISTRICT IV – MAINTENANCE OFFICE, DISTRICT BRIDGE REPAIR ENGINEER

Plans and directs the repairs of the bridges of District Four, improve and maintain the efficiency and the effectiveness of the District resources for the bridge repair and to promote improved performance by the maintenance yards in the discharge of their duties that are related to the bridge repair.

Reference: **John Danielson, P.E.** – District IV Repair Engineer (954) 486-1400

Feb'86 – May'93 **Keith & Schnars, P.A. – Ft. Lauderdale – Highway Engineer**

Design Engineer - Design of various highway projects including geometry and preparing of quantities in Broward, Dade and Palm Beach Counties, Florida. Design of drainage systems for SR- A.1.A., SR-5, and Port St. Lucie Blvd. for the cities of Vero Beach, Boca Raton and the FDOT. Pavement design of the Turnpike Twelve Bridges project for the F DOT in Martin & Palm Beach Counties, Florida. Design of residential roadways in the North Pinetree Estates subdivision for the city of Parkland, Florida.

Project Engineer - Administrating the contract for the reconstruction of the two-mile N.W. 27th Ave. project for the FDOT in Dade County. Responsible for supervising a CEI team for all construction phases including a double cell box culvert along the south fork of the Miami River. Duties included checking the daily work progress and the weekly construction schedule, developing and reviewing work plans supervising safety procedures and coordinating with all public companies. Construction Engineering & Inspection (CEI) of the one concrete bridge over the Hillsboro Canal and the two-mile Lyons Rd., the two concrete bridges over the New River Canal and the four-mile Flamingo Rd., and the utilities and the two lift stations in Sunrise and Oakland Park Blvds. all in Broward County, Florida.

May'77 – Jan'86 **Project Engineer in Global CEI projects**

Working in the capacity of a Project Engineer in complex projects, which covered all aspects of highway construction including complex bridges, utilities coordination, and the preparation of the construction documents. Experience has taken place in the following firms:
W.S. Atkins, London - DeLeuw Cather International, Kuwait - Fresine France, Paris

TRAINING AND CERTIFICATIONS:

CTQP QC Manager
National Highway Institute Highway Engineering
FDOT Final Estimates
DRB Foundation Administration and Practices
FDOT Leadership Academy
Franklin Covey's 14 Certifications (Certified Facilitator)

Value Engineering (I) & (II)
Traffic Safety in Work Area
DRB Best Practices Workshop
FDOT Graduate Leadership Academy
Certified Organizational Manager

Advanced MOT
ACI Certification
Partnering Facilitation
FDOT Mgmt. Academy
Certified Public Manager