

EUGENE “LEIGH” MARKERT

2540 Westwood Avenue, New Smyrna Beach, Florida 32168

954-494-2670 • elm1219@att.net

HIGHLY QUALIFIED CONSTRUCTION SPECIALIST

Seeking Responsible Consulting Assignments

QUALIFICATIONS OVERVIEW

An experienced technical consultant, supervisor and certified inspector with over 45 years of expertise in major bridge construction, specifications, project management and design, specializing in cast-in-place, prestress concrete structures, including segmental bridge and general roadway construction. Demonstrated previous success with WSP USA and FDOT, focused on civil engineering, design, construction, laboratory administration and management.

Offer the accumulated instincts, knowledge and confidence necessary to serve your organization in its current and evolving capacities.

Valued for:

FDOT Standards Expertise	Capital Improvement Projects	Legal Procedures
Specification Writing Skills	Technical Professionalism	Statistical Analysis
Project Management	Quality Control	Materials Testing
Personnel Supervision	Cost Control	Safety Knowledge / Expectations
Dispute Resolution	Professionalism	Relationship Development

CERTIFICATIONS and SPECIALIZED TRAINING

Construction Training / Qualifications Program (CTQP):

Qualified Concrete Construction Inspector	Level II
Concrete Field Technician	Level II
Quality Control Management	
CTQP Supplemental Examiner	

American Concrete Institute (ACI):

Concrete Field-Testing Technician	Grade I
Concrete Transportation Construction Inspector	
Concrete Technician	Level I

PROFESSIONAL EXPERIENCE

CAST-IN-PLACE CONCRETE / PRESTRESS SPECIALIST **2006 to 2019**
WSP USA – Construction and Materials Engineering Management Consultant (CMEMC)

Client:	Florida's Turnpike Enterprise	
Scope of Assignments:	New construction and rehabilitation work on the existing 460-mile system of limited-access toll facilities, including:	
	701 Bridges	357 Buildings
	8 Service Plazas	24 Barrier Toll Plazas
	Median Barriers	Water / Sewage Treatment Plants
	Drainage Structures	Miscellaneous Maintenance Facilities
	Signage \ Lighting	Pavement Marking

- Provide technical support on all issues relating to structural concrete including independent assurance, structural concrete mix designs, and review of concrete quality control plans
- Extensive experience focused on structural investigation regarding material failures and engineering analysis reports (EAR)
- Review and approve Mass Concrete Plans for critical structures
- Write and interpret specifications

(Continued)

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PROFESSIONAL EXPERIENCE – Continued

Florida Department of Transportation - 1972 to 2006

DISTRICT 4 & 6 STRUCTURAL CONCRETE AND PRESTRESS SPECIALIST (1990 to 2006)

- Directed the activities of over 25 FDOT engineers and technicians
- Was responsible for all QC testing of facilities producing batch concrete, concrete pipe, precast drainage structures and prestress concrete for over 60 footbridge & highway projects
- Approved all proposed mass concrete plans and designed mixes for all FDOT construction projects within the scope of responsibility in the districts
- Conducted research surveys
- Managed Materials Test Laboratory
- Served on the Technical Review Team for concrete specification construction and training for FDOT

Earlier in my career with FDOT (1972 to 1990), I gained progressive experience and technical know-how as a Concrete Technician, approving all district concrete production facilities and structural and non-structural concrete design mixes, as an Independent Assurance Instructor / Technologist responsible for inspecting all concrete materials for 39 bridge constructions.

TECHNICAL COMPETENCIES and CONTRIBUTIONS

- **Experience:** Instrumental in the timely completion of many projects, utilizing my negotiation skills and hands-on experience with project revisions and determining resolutions
- **Complex Projects:** Over 70 highway and bridge projects completed to date including 17 Street Causeway, 1-595, 1-95 widening, Seven Mile Bridge, Long Key Bridge and all other major bridges in Districts 4 and 6
- **SOPs:** Played a key role in development and implementation of numerous FDOT Concrete Construction Specifications & Procedures; contributed to the FDOT Technical Review Team (TRT)
- **Operations Management:** Selected to manage high profile, time critical projects based upon proven ability in meeting extremely tight deadlines
- **Team Building / Mentoring:** Successfully trained and mentored numerous technicians and engineers to supervisory and project management positions
- **Continuous Improvement:** Enhanced quality control and testing programs which proved very successful when implemented in the field
- **Research and Development:** Participate in research surveys to study latest technology in construction materials and make recommendations to FDOT on new testing procedures and construction standards
- **Quality Assurance:** Bolstered FDOT's main objective to ensure high quality materials and construction in a timely and economical manner

COLLEGE EDUCATION AND OTHER TRAINING

Civil Engineering Major

Broward Community College, Davie FL

Have participated in continuous educations and personal growth activities focused on the completion of numerous industry-related certifications, seminars and courses. Extensive on-the-job training complements my formal education.