

**Mohsen Faraji, PE**  
EPG Engineering  
President



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**Career Snapshot**

Over 30 years of diversified engineering and management experience in all aspects of permitting, design and construction of large scale projects in private and public sectors.

**Experience:**

Sport Complex Lighting  
Street Scape Lighting  
FDOT Certified for HWY  
lighting design  
Health Care - AHCA  
Commercial  
Industrial  
Educational  
Institutional &  
government agency – VA,  
Federal

**Mohsen Faraji, PE** has over 30 years of experience and has served as the Electrical Engineer of Record on numerous projects with DRMP, Inc.

**A. Max Brewer Bridge Replacement Design-Build, FDOT District Five, Brevard County, Florida:** Electrical Engineer of Record for the replacement of A. Max Brewer Bridge and the south relief bridge, approximately 2,700 feet and 160 feet long respectively. Mr. Highland was also responsible for aesthetic pier lighting, navigational lighting and fishing pier lighting. Project consists of bridge design, roadway reconstruction, traffic, lighting, environmental, drainage, Maintenance of Traffic and signing/pavement marking

**SR 15/600 (US 17-92) Interchange at SR 436, FDOT District Five, Seminole County:** Electrical Engineer of Record for this tight diamond urban interchange project. The project consists of FDOT standard conventional roadway lighting at the interchange and decorative lighting within the Seminole County maintenance jurisdiction south of the interchange. The design included sidewalk and interchange lighting. Special considerations such as reduced pole heights to maintain overhead electric clearance and special foundation were also incorporated into the design.

**SR 528 (Beachline Expressway)/SR 436 Interchange Improvements Design Build, Contract 528-300, Orlando-Orange County Expressway Authority, Orange County, Florida:** Electrical Engineer of Record for this project that included a new eastbound to southbound flyover ramp and widening of various roadway segments and ramps. The lighting design included both high mast and conventional lighting systems as well as maintenance lighting design within the steel box girders. Project included coordination with Greater Orlando Aviation Authority.

**District Wide Miscellaneous Safety Contract, FDOT District Three, Florida:** Electrical Engineer of Record for the high mast lighting components for a variety of safety projects throughout the District. These projects included, turn lane additions, signalization, drainage, sidewalks and lighting. Projects are developed in response to traffic safety issues, public concerns and local agency requests. Representative projects include:

- **SR 8 (I-10) at CR 257, FDOT District Three, Jefferson County, Florida:** Electrical Engineer of Record for highmast lighting project at the interchange of SR 8 (I-10) and CR 257. Project included preparation of a Design Analysis Report comparing different lighting options at the interchange.
- **SR 8 (I-10) at SR 81, FDOT District Three, Holmes County, Florida:** Electrical Engineer of Record for highmast lighting project at the interchange of SR 8 (I-10) and SR 81. Project included

## **Publications, Education and Professional Association**

I have coauthored three technical papers on "Distribution Communication, "Automatic Meter Reading" and "Power Quality.

B.S. E.E. from Michigan State University -- 1980

M.S. E.E. from University of Pittsburgh -- 1990

A professional engineer in state of Pennsylvania and Florida

A senior member of IEEE, and past Chapter Representative for region 2 Central in Power Engineering Section of IEEE

## **Professional License**

Florida Board of Professional Engineers – PE # 43599

Pennsylvania Board of Professional Engineers – PE # 038521E

Georgia Board of Professional Engineers – PE # 035203

Alabama Board of Professional Engineers – PE # 31286-E

South Carolina of Professional Engineers – PE # 28289

preparation of a Design Analysis Report comparing different lighting options at the interchange.

**SR 429/SR 414 (Maitland Extension), Contract 429-201, Orlando-Orange County Expressway Authority, Orange County, Florida:** Electrical Engineer of Record for design for a new, three-mile, four-lane limited access roadway from Boy Scout Road to US 441. The lighting design was for a conventional style for interchange lighting system.

**Palm Coast Parkway Widening, City of Palm Coast, Florida:** Electrical Engineer of Record for this roadway widening improvement project for the Palm Coast Parkway. The Palm Coast Parkway design included widening a four-lane suburban section to a six-lane urban facility. The roadway was lit with 2 miles of conventional lighting using both aesthetic and FDOT standard light pole assemblies. Landscape lighting was also designed. This was a LAP project between the City of Palm Coast and FDOT District Five.

**SR 417 Lake Jessup Toll Plaza Conversion, Florida's Turnpike Enterprise, Orange County, Florida:** Electrical Engineer of Record for the lighting design for a 1.6 mile toll plaza conversion project including open road toll lanes.

**SR 45 (US 41/Tamiami Trail) at Piney Point Road Intersection Improvements, FDOT District One, Manatee County, Florida:** Electrical Engineer of Record for roadway lighting and plans preparation in support of this reconstruction of the existing US 41 4-lane rural roadway at the intersections of Piney Point and Dock Street to rigid concrete pavement. Lighting design consisted of conventional roadway lighting and aesthetic sign lighting.