



**EDUCATION:**

Bachelor of Science, Civil Engineering, University of Miami, Magna Cum Laude

**PROFESSIONAL ENGINEER:**

State of Florida - #35233

**PROFESSIONAL LAND SURVEYOR:**

State of Florida - #4917

**LENGTH OF EMPLOYMENT WITH DPA:**

30 Years ; Coral Gables Office

**EXPERIENCE:**

Mr. Lee is the manager responsible for the technical direction of the civil engineering functions of the firm. Mr. Lee is involved in the supervision, production, and quality control of all roadway and expressway plans and specifications, parking facilities, conceptual roadway designs, and water/sewer design projects. Additional duties include utility coordination, government agency coordination, and permitting.

**REPRESENTATIVE PROJECTS:**

**SR-5 (US-1 / Overseas Highway) Roadway Improvements**

This project consists of improvements along a 4-mile segment of SR-5 / Overseas Highway from MM 11.3 to MM 14.6 and from MM 15.2 to MM 15.9 in Monroe County. This RRR project includes the milling and resurfacing and cross slope correction of the roadway and the conversion of the paved shoulders into a designated bicycle lane. Pedestrian/bicycle bullet railings will be installed on five of the existing bridges, and the guardrail connections will be upgraded with three-beam retrofits. Mr. Lee is the project manager responsible for the preparation of the contract plans.

**SR-5 (US-1 / South Dixie Highway) Roadway Improvements**

This project consists of improvements along a 2.2-mile segment of SR-5 from SW 136 Street to SW 102 Street in Miami-Dade County. This RRR project includes the design of offset left turn lanes, signal modifications at five intersections, one new traffic signal, and curb ramp and sidewalk modifications to meet current ADA standards. Mr. Lee is the project manager responsible for the preparation of roadway, signing and pavement marking, and signalization plans.

**Downtown Doral Infrastructure Improvements**

This project consists of the reconstruction of approximately 7,000 linear feet of roadway network in Downtown Doral. Mr. Lee is the project manager responsible for the preparation of roadway, drainage, signalization, and street lighting plans for segments of NW 53 Street, NW 53 Terrace, and NW 84 Avenue.

**SW 48 Street Roadway Improvements**

This project consisted of improvements for a 3.5-mile segment of SW 47 Terrace / SW 48 Street from SW 117 Avenue to SW 82 Avenue. The project entails milling and resurfacing of the existing 2-lane road, and widening



to provide a five-foot bike lane on both sides of the roadway. The first phase of this project, consisting of two pedestrian bridges over the canal at SW 108 Avenue, is currently under construction. Mr. Lee was the project manager responsible for the preparation of the contract plans.

#### **NW 42 Court / NW 20 Street Connector**

This project consisted of the preparation of construction plans to extend NW 42 Court north from NW 18 Street and connect to NW 20 Street at McLaughlin Drive in Miami-Dade County. The roadway plans included the reconstruction of McLaughlin Drive north of NW 20 Street to connect to the ramp for westbound Central Boulevard at Miami International Airport. This project also included a new low-profile bridge crossing over the Tamiami Canal. The scope of work also included signing and pavement markings, new signalization for two intersections, and lighting. Mr. Lee was the project manager for this project.

#### **NW 97 Avenue Roadway Widening**

This project consisted of the widening of NW 97 Avenue from two lanes to a four-lane divided urban arterial roadway. This one-mile project extended from NW 25 Street to just north of NW 41 Street in the City of Doral. The drainage system consisted of a continuous french drain system, interconnected with the existing drainage system. As project manager, Mr. Lee was responsible for the preparation of roadway, signing and pavement marking, signalization, and lighting plans.

#### **SR 9, SR 90, and SR 933 Corridor Improvements**

This project consisted of pedestrian safety improvements at 16 intersections along SR 9 (NW 27 Avenue), SR 90 (SW 8 Street), and SR 933 (SW 12 Avenue) in Miami-Dade County. Design duties included the installation of pedestrian features such as countdown pedestrian signals, pedestrian signs and pedestrian detectors, reconstruction of curb ramps to meet ADA standards, and the use of high-emphasis striping or textured crosswalk. Mr. Lee was the project manager responsible for the preparation of the contract plans.

#### **SR 972 (Coral Way / SW 22 Street) Roadway Improvements**

This project consisted of improvements along a 2.5-mile segment of Coral Way from SW 37 Avenue to SW 12 Avenue in Miami-Dade County. The improvements consisted of curb ramp, sidewalk, and driveway modifications to meet current ADA standards. Mr. Lee was the project manager responsible for the preparation of the roadway, signing and pavement marking, and signalization plans for this project.

#### **South Miami Hospital**

Mr. Lee was responsible for the preparation of construction plans for the demolition of SW 74 Street and the construction of the new SW 73 Street as part of the expansion of South Miami Hospital. These plans included the relocation of underground utilities serving the Hospital. On-site civil design included the preparation of paving and drainage plans for the internal roadways and parking lots for the main hospital building, emergency room, as well as the outpatient surgery complex. DPA also designed and obtained permits for various water distribution systems and sanitary sewer transmission facilities for the Hospital complex.