

EDUCATION:

Bachelor of Science, Civil Engineering, Florida Atlantic University (2019)

REGISTRATIONS:

Florida Engineer Intern
No. 1100024185

AFFILIATIONS:

Florida Section American Council of Engineering Companies

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LAUREN JOHNSON, E.I., STAFF ENGINEER**SUMMARY**

Lauren Johnson has 1 year of experience working on both public and private development projects. She has been the designer handling all aspects of engineering design of roadway and parking lots, water systems, sewer collection and distribution systems, reclaimed water systems, stormwater management and drainage design, miscellaneous utility coordination, complete plan production, permitting, engineering cost estimate and construction administration and site inspection.

EXPERIENCE

Boaters Park, Parking Lot, City of Dania Beach, Florida. The scope of this Work Authorization was to provide a new parking lot at Boaters Park to provide 60 parking spaces. The estimated construction value of the project is \$400,000. As Engineer of Record, we provided professional engineering services to design, permit, and will provide administration of the construction contract for the construction of a parking facilities located just west of Animal Clinic property on SW 42nd Street. The scope included the preparation of the site plan, site grading, stormwater calculations for water quality only, minor landscape, site survey, and permitting through State, County and local regulatory agencies.

Tradewinds Park, Utility Improvements, City of Coconut Creek, Florida. The scope of this Work Authorization was to provide a design to construct approximately 3,300 linear feet of potable water main, 5,600 linear feet of sanitary sewer system at Tradewinds Park. As the Engineer of Record, we are providing engineering services to design, permit, and construction administration for the construction of water and sewer facilities located within the limits of the Tradewinds Park. The scope includes the civil engineering and permitting through State, County, and local regulatory agencies.

Bridgeport Charter School, City of Doral, Florida. A 1,500-student private charter school located on a 6.0-acre parcel. The amenities for this charter school included an all-purpose field, playground, and basketball courts. Project included the site civil development including gravity sanitary sewer, potable water main, surface water management system, grading, pavement, sidewalks, pavement marking and signage, and SWPPP plans. Scope included the



preliminary design, design, permitting, and construction observation services.

Broward County Reclaimed Water Transmission Main, Broward County, Florida. As the prime consultant and engineer-of-record of this 11-mile large diameter pipe project, services includes preliminary design report, design, permitting, bidding assistance, and construction administration. The project is composed of two (2) bid packages; Bid Package #1 is comprised of 5 miles of a 42" pipe, and Bid Package #2 is comprised of 6 miles of 24" pipe. Multiple corridors were evaluated and cost comparisons completed for each alternative. The final design requires the installation of the proposed reclaimed water transmission main in FDOT and SFWMD right-of-way. Permitting efforts includes multiple agencies and municipalities. The estimated construction cost for the project is approximately \$35 million.

Margate Sports Park, City of Margate, Florida. The design, permitting and construction of a covered sports field located within the City of Margate. The amenities for this complex included an all-purpose turf field, concession building, restrooms, ADA sidewalks and seating area. Project included the site civil development including surface water management system, sanitary sewer and water services, grading, pavement, sidewalks, and stormwater erosion plans. Scope included design, permitting, and construction services. Permitting efforts included Broward County Environmental Protection and Growth Management Division, South Florida Water Management District and the City of Margate Building Department.

Spanish River Restroom Building, City of Boca Raton, Florida. The scope of this Work Authorization was to provide a design to construct a new restroom building in Spanish River Park. The project included the design of new water and sewer service, site grading, surface water management system, and permitting through the City of Boca Raton Building Department.

Easterlin Park, Campground Improvements, City of Oakland, Florida. The scope of this Work Authorization was to provide Infrastructure upgrades for campsites D1 through D10 including water, sewer and electrical. As the Engineer of Record, we provided engineering services to design and will provide administration of the construction contract for the installation of potable water & sewer connections to camp sites D1 through D10, for the installation of gate valves throughout the park for the potable water system and for the repair of the existing double detector check valve assembly near the entrance of the park. The scope included the civil engineering and topographic survey.

Vista View Park, Splash Pad, Town of Davie, Florida. The scope of this Work Authorization was to provide a design to construct a new splash pad for children at Vista View Park. As Engineer of Record, we provided engineering services to design, permit, and will provide administration of the construction contract for the installation of splash pad within Vista View Park. The scope included design of the concrete pad for the proposed splash pad area, site grading, water main extension/service line, stormwater calculations, landscape and hardscape, irrigation, administrative site plan approval from the Town of Davie, permitting through Central Broward Water Control District, South Florida Water Management District, Town of Davie Building Department, City of Sunrise Utility Department, and Broward County Health Department. Also, construction observation services.