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**Josh Robinson, P.E.**  
President

Registered Professional Engineer in Florida

University of Pennsylvania—  
Master of Science: Civil Engineering  
Master of City Planning  
University of South Florida  
Bachelor of Science: Geography

Mr. Robinson is a transportation engineer / planner with over 23 years experience. His expertise includes traffic studies for all types of development. Some examples include residential subdivisions, retail outlets, office and industrial facilities, and Developments of Regional Impact (DRI). He has also prepared numerous traffic studies and analyses for FDOT as well as city and county governments.

Mr. Robinson also specializes in traffic design, which involves the preparation of signalization, highway lighting, signing and pavement marking, and maintenance of traffic plans. He has served as the traffic engineer of record on more than 100 projects, including 12 interstate projects. He has also successfully completed two FDOT courses for the preparation of maintenance of traffic plans.

Mr. Robinson also specializes in Land Planning / Engineering. His expertise includes the assessment of right of way takings on individual parcels for condemning authorities and property owners. He has prepared more than a dozen cure plans involving gas stations, restaurants, retail outlets, industrial parks, hospitals, residential complexes and vacant parcels. He also has provided expert witness services on several condemnation cases.

Some recent projects performed by Mr. Robinson include the following:

## **Traffic Engineering Studies**

Buckeye Industrial Park--Traffic Study for an 845,000 square foot industrial park in northern Manatee County. Approval process also included calculating client's proportionate share of required improvements and negotiating these with the Board of County Commissioners.

Woods of Moccasin Wallow, Manatee County—Traffic study and intersection level of service (LOS) analysis covering 12 signalized intersections, including the I-75 interchange.

SR 559, FDOT District 1, Polk County—Lead Engineer for a traffic memorandum done for PD&E study. Study included capacity analysis of both intersections and arterials. Interpolated traffic flow volumes for future years, based on FSUTMS model results.

Avalon Heights Apartment Complex, Hillsborough County —Lead Engineer for a traffic study for a 192-unit apartment complex. Study was done on behalf of the County. Tasks included forecasting build and no build volumes, trip generation and distribution, and LOS analysis for signalized and unsignalized intersections as well as arterials.

Holiday Inn Express, Manatee County—Lead Engineer for a traffic study involving a 154-room hotel.

Borrow Pits—Lead Engineer for four separate traffic studies involving the temporary impacts of individual borrow pits in eastern Manatee and Sarasota Counties.

### **Traffic Signal Plans**

U.S. 301 / Big Bend Road, Hillsborough County—Engineer of Record for the signalization plans for this intersection, plus an interconnect plan. Project also included plans and specifications for two separate vehicle classification monitoring stations along the interstate.

Little Road Traffic Signal Design, Pasco County—Engineer of Record on the signalization plans for two intersections for this 1.8-mile roadway improvement project. Plans included signalization and interconnect plans, mast arm details, quantities and general notes.

Hidden River / Morris Bridge Traffic Signal Plans, Hillsborough County—Engineer of Record on the signalization and signing and pavement marking plans for this intersection improvement project. Tasks included plans preparation and technical special provisions for interconnect cable and overhead street name signs.

Marina Drive Traffic Design, Manatee County—Engineer of Record for signalization, signing and pavement marking, highway lighting and maintenance of traffic plans. Project also included traffic analysis, preliminary engineering and cost feasibility analysis.

S.R. 70 / Lorraine Road, Manatee County—Engineer of Record on the signalization plans for this school crossing signal

Pope Rd/Center Ice Parkway, Manatee County—Engineer of Record on the signalization plans for this project. Plans included specialized timings for directing traffic from nearby hockey arena.

### **Highway Lighting Plans**

I-4, Segments 1 and 2, Hillsborough County—Engineer of Record on the highway lighting plans for these FDOT widening projects. Project included lighting plans and specifications for high mast, underdeck, and overhead sign lighting.

Lakewood Ranch Blvd, Manatee County—Engineer of Record on the highway

lighting plans for a 1.2 mile segment adjacent to S.R. 70.

Suncoast Parkway, Segments 1 and 2, Highway Lighting, Hillsborough County--Engineer of Record on the highway lighting plans for the first two segments of this toll facility. Project included decorative lighting plans and specifications for cobra head, underdeck, and overhead sign lighting.

Meridian Avenue, Downtown Tampa, Engineer of Record for the highway lighting plans for this "gateway" project into downtown Tampa. Plans included lighting plans and specifications for decorative roadway and pedestrian lighting and overhead sign lighting.

I-275 Improvements, Hillsborough County—Engineer of Record on the highway lighting plans for this minor design project. Plans involved retrofitting new lighting into existing median barrier and bridges.

U.S. 301 Intersection Lighting, Manatee County--Engineer of Record on the highway lighting plans for four different intersections along this principal state arterial.

### **Signing and Pavement Marking Plans**

I-4 Widening, Hillsborough and Polk Counties—Engineer of Record for the traffic design plans for this project, which included signing and pavement markings along the mainline and frontage roads as well as the County Line Road and Polk Parkway interchanges

Suncoast Parkway, Segments 1 and 2, Hillsborough County--Engineer of Record on the signing and pavement marking plans for the first two segments of this toll facility. Project included tollway signing/stripping at two separate interchanges.

Hidden River / Morris Bridge Intersection Improvements, Hillsborough County—Engineer of Record on the signing and pavement marking and signalization plans for this intersection improvement project. Tasks included plans preparation and guide sign worksheets for advanced and overhead street name signs.

Marina Drive Traffic Design, Manatee County—Engineer of Record for signing and pavement marking as well as the signalization, highway lighting and maintenance of traffic plans. Project included several merge areas as well as striping for pedestrian crosswalks and bike lanes.

S.R. 50, Orange County--Engineer of record for this 4.2 mile project which included signing and pavement markings on the mainline as well as specialty striping at eight separate intersections.

I-4, Segments 1 and 2, Hillsborough County--Engineer of Record on the signing and pavement marking plans for these FDOT widening projects. Project included 5.8 miles of mainline, as well as four separate interchanges.

### **Land Planning/Engineering**

FDOT District 1 Land Planner —Project Manager for district wide land planning and engineering assignments. Tasks included the review of consultants' cure plans, planning and engineering reports, and cost estimates for partial takings on

FDOT highway projects. Tasks also included the preparation of cure plans and cost estimates for similar projects.

S.R. 590, Pinellas County—Responsible for the preparation of 12 separate engineering cure plans for this FDOT highway-widening project.

Engineering/planning issues included driveway circulation and access, parking, drainage, utilities, and sight distance. Tasks also included representing FDOT as engineering expert in three mediation proceedings.

US 41, Pasco County—Responsible for the preparation of 10 engineering cure plans for FDOT highway widening project. Engineering/planning issues included driveway circulation, wetlands impacts, building defacing and restoration, and outdoor advertising signs. Tasks also included representing FDOT as expert witness in a trial proceeding for one parcel, and in mediation proceedings for five parcels.

Bullard Parkway, Hillsborough County—Responsible for preparation of 2 engineering cure plans for county roadway widening project. Engineering issues included driveway circulation and restoration, sight distance, parking and drainage.