

Julio Espeche, M.Sc., MBA

Project Manager/Project Engineer/Superintendent

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Dedicated and highly motivated. Take on all projects with equal enthusiasm and dedication. Hard working, creative, and detail oriented. Design-oriented with a sense of a high degree of competency developing projects from conceptual design through construction administration. Possess excellent verbal and written communication skills. Work well in a collaborative environment. Share knowledge with others. Willing to learn; knowledge is the main driving force.

EXPERIENCE SUMMARY

Managed multicultural and multidisciplinary teams nationally and internationally in South Florida and Latin America. Full knowledge in highway and traffic data collection, traffic engineering, signalization, and roadway design projects. Worked for engineering consultants for high profile infrastructure projects. Over ten years' experience in process industries in project management, planning, construction resource management, policies, procedure and standard, and drawing design interpretation.

Commercial and Residential experience.

CORE QUALIFICATIONS

- Extensive history of working with a wide variety of corporate clients.
- Experienced with engineering design standards as ITE, FHWA, AASHTO, MUTCD, and HCM.
- Exercises creativity and independent judgment in identifying and resolving unique issues.
- Proficient in the use of AutoCAD, MicroStation, Primavera, and Microsoft Project.
- Include quantity tabulations, QA/QC, and preparation of written reports.
- Proven record of handling multiple projects simultaneously and ability to multi-task.
- Excellent knowledge of the principles of traffic engineering design and relevant procedures.
- Working knowledge of current Florida codes and other states codes.
- Firm grasp of drawings and documents coordination with Engineers and design consultants.
- General knowledge of Microsoft Office software; Word, Excel, and Outlook.
- Experience in Merger and Acquisitions in Big Construction projects.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Project Engineer and Project Manager

F.R. Aleman & Associates Inc - Miami, FL

2016 to August 2021

Duties: Conducted both RCI and HPMS field data collection. Provided technical and professional services to supplement District IV Planning Statistics staff. Performed Roadway and Traffic

Characteristics Inventory data collection, data reporting, mapping applications, and data analysis. Collected and disseminated data for traffic counts, traffic origin, destination surveys, travel time, delays surveys, and trip generations. Studied and resolved saturation flow, parking, accident and safety, traffic conflicts, and spot speed studies. Collaborated with Department of Transportation providing project traffic reports and feedback and participated In the Intelligent transportation system (ITS) and electronic toll collection (ETC systems).

Accomplishment

- Improved traffic conditions by 75% in Interstate 95 Northbound and Southbound from Broward Dade County to Miami Dade County.
- Improved saturation flow for Miami Dade County public schools by 15%.
- Improved traffic flow and travel time for Miami Dade County residents by 8%.
- Provided parking location recommendations to improve parking spaces for Miami Dade public schools.
- Recommended a new signalization strategy which improved safety for pedestrians and bike lanes.
- Improved flow traffic of Ronald Reagan Turnpike by 5% utilizing ITS, ETC systems.

Projects

Statewide rail/highway data collection, Florida.

Complete Street Study, Miami Dade County, Florida.

Data Analysis & Reporting for transportation, Miami Dade County, Florida.

Districtwide Highway Statistics Data Collection and Support, Miami Dade, and Broward County.

Mobility Hubs Study, Miami Dade and Broward County, Florida.

Transit Mobility Hubs Plan, Miami Dade

Town-wide Bicycle and Pedestrian Improvements, Miami Dade and Broward County, Florida.

Construction Advisor, Government of Guatemala

Guatemalan Government - Guatemala City, GT

August 2012 to January 2016

Duties: Advised Puerto Quetzal Port authorities and Presidential Advisor in the creation, implementation, and standardization of Guatemalan public construction projects. Complied with local, international, utility, oil, gas Industry Codes, and Standards. Manage the implementation of road and bridge initiatives, development, and construction.

Accomplishment

- Completed road projects on time and budget meeting all datelines and milestones.
- Work with local authorities to obtain approval and certification for all faces without delays.
- Advised local port authorities to the new bridge location to improve traffic and pedestrian congestion.
- Provided advice to government authorities to improve completion times for construction projects.
- Initiated a quality control program to inspect and improve the implementation of building, road, and bridges.

Projects

Puerto Quetzal bridge expansion to Scintillate Providence.

Road modernization and expansion of Department of Escuintla.

Project Manager, Scheduler and Superintendent

Miami International Airport, HF Contractors, Inc. - Miami, FL

2002 to 2012

Duties: Provided oversight from initiation to completion of the North Terminal section of Miami International Airport. The project budget was 90 million dollars and included scheduling, drawing design interpretation, cost estimating, and supervision. Utilized Primavera to schedule activities, manage task, milestones and datelines to adhere to international and local codes.

Accomplishment

- Completed project task within allowed time saving the city of Miami 5% in cost and resources.
- Implemented a system to schedule activities to reduce lag time by 13%.
- Created policies and procedures to maintain labor turnover to less than 8%.
- Managed contractor starts and completion times to reduce or eliminate slack time within the project.

Projects

Miami International Airport North Terminal Creation and expansion.

Education

Master's in Business Administration

University of Miami - Coral Gables, FL

2001

Master's in Professional Management

University of Miami - Coral Gables, FL

2000

Bachelor's in Construction Engineering

Universidad de San Carlos de Guatemala - Guatemala City

January 1991 to 1996

Bachelor's in Engineering Technology

Texas Tech University - Lubbock, TX

1990

Skills

- Construction Management
- Spanish
- Project Management
- English
- Project Engineering
- Microsoft Project
- AutoCAD
- MicroStation
- Project Planning

- Construction
- Multilingual
- Primavera P6
- QA/QC
- Microsoft Excel
- Blueprint reading
- Construction estimating
- Auto estimating
- Frame carpentry
- Prolog
- Project management software
- Microsoft Word
- CAD
- Revit
- Program Management
- Manufacturing
- Mechanical knowledge
- Machining
- Supervising experience
- Conflict management
- Social media management
- Contracts
- Bluebeam
- Materials handling
- Leadership
- Budgeting
- Team management
- Negotiation
- Business development
- ProCore
- Analysis skills
- Windows
- Contracts
- Renovation
- Project leadership
- Management
- Management
- Construction management software
- Schedule management
- Management

- Customer service
- Continuous integration
- Contracts
- Project Coordination
- Accounts receivable
- Auto estimating
- Accounts payable
- Contracts
- Management
- Cost control
- Time management
- Microsoft Office
- Facilities maintenance
- Management
- Maintenance
- Facilities management
- Contracts
- Contracts
- Management
- Software deployment
- Customer segmentation
- Product development
- Sales
- Enterprise sales
- Management
- Warehouse management system
- Marketing
- Logistics
- Auto estimating
- Contracts
- Contracts
- Quantitative research
- Contracts
- OSHA
- Auto estimating
- Restoration industry experience
- Commercial construction
- Restaurant experience
- Contracts
- Financial acumen

- Contracts

Languages

- Portuguese - Intermediate

Certifications and Licenses

OSHA 30

PMP

Professional Engineer

CPR Certification

OSHA 10

CDL

Additional Information

Tooling