

Professional Record

Mr. Bailey is an electrical engineer experienced in designing electrical and control systems for water and wastewater treatment facilities, above and below ground distribution systems and industrial facilities. His project management responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services. He participates on quality assurance/quality control teams to evaluate electrical systems' technical conformance to codes and adherence to a project's overall design scheme. He interfaces with other project consultants, as well as client and vendor representatives. Mr. Bailey is also familiar with technologies involving microprocessors, microwave design, and fiber optics.

Mr. Bailey is experienced in electrical project engineering and project management. He has practiced applied electrical engineering on a variety of environmental projects having been involved from concept to preliminary and final design through construction start-up. His experience involves electrical engineering for water treatment plants, wastewater treatment and disposal facilities, water reuse and irrigation systems, and instrumentation and control systems.

Mr. Bailey was the project manager, in responsible charge, for all electrical design concerns for the following projects:

- Williams Island Roadway & Landscape Lighting
Aventura, Florida
- Fort Lauderdale Street Lighting
Andrews to Third Avenues
City of Fort Lauderdale, Florida
- N.E. 190th Street
City of Aventura, Florida
- N.E. 185th Street
City of Aventura, Florida
- McNab Road Lighting
Broward County, Florida
- Beach Place A1A Roadway Lighting
City of Fort Lauderdale, Florida
- Holiday Park - Phase I, II & III
City of Fort Lauderdale, Florida



Stephen E. Bailey President

BAILEY ENGINEERING CONSULTANTS, INC.

Academic Credential:

Bachelors of Electrical Engineering
Georgia Institute of Technology, 1983
Power and Control Theory

Professional Engineer: Florida, Virginia, Georgia,
North Carolina

Employment Record:

1992-Present -Bailey Engineering Consultants
1986-1992 - C.E. Bailey & Associates, Inc.
1984-1986 - Advanced Micro Devices
1983-1984 - Hewlett-Packard

Principal Areas of Expertise:

Electrical and Control Design of Water and Wastewater Treatment Facilities, Pump Stations, Industrial, Environmental, Municipal and Commercial Projects

Electrical Studies, Value Engineering, and All Phases of Project Management

Professional Activities:

National Society of Professional Engineers (NSPE)
Institute of Electrical and Electronic Engineers (IEEE)
Florida Engineering Society (FES)
National Fire Protection Association (NFPA)
Instrument Society of America (ISA)

Professional Record

Mr. Libo-on is an electrical engineer experienced in designing lighting and power systems for residential, commercial, industrial, parks and recreation, and wastewater treatment facilities, above and below ground distribution systems and industrial facilities. His electrical designing responsibilities encompass all aspects of drawing production, as well as system design.

EXPERIENCE

Mr. Libo-on is experienced in electrical design. He has been involved in the electrical system design on a variety of projects. His experience includes electrical designs for water treatment plants, water reclamation facilities and water reuse projects, and lighting projects. A sample of projects in which Mr. Libo-on was involved is as follows:

- McNab Roadway Lighting
City of Tamarac, Florida
- Sunset Strip Pedestrian Lighting
City of Sunrise, Florida
- Oakland Park Boulevard Improvements
City of Sunrise, Florida
- Waterways Park
City of Aventura, Florida
- Aventura 34th Street
City of Aventura, Florida
- Biscayne 5 and 6
City of Aventura, Florida
- Master Lift Station Rehabilitation
Lauderdale-By-The-Sea, Florida
- Lake City WTP Chemical Additions
City of Lake City, Florida



Jay Libo-on Electrical Engineer

BAILEY ENGINEERING CONSULTANTS, INC.

Academic Credentials:

Bachelors of Science, Electrical Engineering
Florida Atlantic University, 1999

Engineer Intern – Florida No. 1100006452

Employment Record:

1998-Present: Bailey Engineering Consultants

1994-1998: Leahy Document & Information
Management

Principal Areas of Expertise:

Electrical and Control Design of Water and Wastewater Treatment Facilities, Pump Stations, Industrial, Environmental, Municipal and Commercial Projects

Professional Record

Mr. Hayward is a licensed electrician qualified to inspect and/or install electrical work for various municipality and industrial projects. He specializes in inspection, advanced technical wiring, motor control, instrumentation wiring, schematic diagrams and fire alarm systems. As an electrician, he consistently brought major projects to a successful completion on schedule and within the budget limits.

Mr. Hayward has supervised the electrical construction portion of the following projects:

- N.E. 185th Street
Aventura, FL
- N.E. 190th Street
Aventura, FL
- Williams Island Roadway Lighting
Aventura, FL
- Aventura 34th Street Roadway Lighting
Aventura, FL
- Aventura Boulevard Entryway Lighting
Aventura, FL
- Miracle Mile Landscape Lighting
Coral Gables, FL
- McNab Roadway Lighting
Tamarac, FL
- Holiday Park – Phase I, II & III
Fort Lauderdale, FL
- Mills Pond Park
Fort Lauderdale, FL

Mr. Hayward is uniquely qualified to provide construction inspection for industrial projects or any other construction implementation aspect related to movable bridges or numerous other industrial complexes.



Dan W. Hayward Electrician

BAILEY ENGINEERING CONSULTANTS, INC.

Academic Credentials:

Union Electrician Apprenticeship School, 1983-1987

- Graduate

Licensed Electrician:

- Broward County #90-WE-2642-X
- Palm Beach County #J15606

Employment Record:

2/98 – Present - Bailey Engineering Consultants

- Responsible for all aspects of construction supervision. This includes shop drawing review, responding to contractor questions and field supervision of contracted work.

2/91 – 2/98 - Edwards Electric, Inc.

- Performed electrical installation and supervision as foreman for various electrical contracts including movable bridges, water and wastewater treatment facilities, and conveyer systems.

1/98 – 2/97 - Hayward Electric Inc.

- Performed electrical installation and supervision as foreman for all phases of residential electrical work including estimates and preparation of proposals for clients.

Principal Areas of Expertise:

- Advanced technical wiring
- Motor control
- Instrumentation wiring
- Schematics
- Fire alarms systems

Professional Activities:

- Member of Local Union 728 - 13 Years