

Professional Record

Mr. Bailey is an electrical engineer experienced in designing electrical and control systems for municipal systems and water and wastewater treatment facilities, above and below ground distribution systems, lighting systems for parks and roadway 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 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 computer facilities, treatment and disposal facilities, and power/lighting designs for buildings.

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

- Donax WWTP – Phase 2A
City of Sanibel, Florida
- Eustis WWTP
City of Eustis, Florida
- Southeast Regional WWTP Expansion
Manatee County, Florida
- Venice RO Water Treatment Plant
Chlorination System Improvements
City of Venice, Florida
- Lauderhill Water Treatment Plant
City of Lauderhill, Florida
- Tamarac Stormwater Pump Stations
City of Tamarac, Florida



Stephen E. Bailey President

BAILEY ENGINEERING CONSULTANTS, INC.

Academic Credentials:

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)
Florida Institute of Consulting Engineers (FICE)
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:

- Venice R.O. WTP
City of Venice, Florida
- Lauderhill Lift Stations (4 Total)
City of Lauderhill, Florida
- Pompano Pump Station No. 16
City of Pompano Beach, Florida
- Pompano Lift Stations (9 Total)
City of Pompano Beach, Florida
- Pompano Lift Stations (13 Total)
City of Pompano Beach, Florida
- Lift Station Rehabilitation
City of Mount Dora, 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 industrial facilities. 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 planned, supervised and successfully completed the electrical installation of the following Florida Intracoastal movable bridges, water/wastewater treatment plants, and industrial installations:

- Tavares WTP
- Eustis WWTP
- Sanibel Phase II – Sewer Improvements
- Spruce Creek WWTP
- Pompano Pump Station No. 16
- Pompano Lift Stations (9 Total)
- Pompano Lift Stations (13 Total)
- Lauderdale Lift Stations (4 Total)
- Broward Cty Regional WWTP Expansion
- Jupiter Federal Bridge
- Daytona Main Street Bridge
- St. Augustine Bridge of Lions Bridge
- Barge Canal Bridges - Cape Canaveral
- Bel Air Causeway Bridge
- 14th Street Bridge, Pompano Beach
- Lake Worth Bridge
- Hillsboro Inlet Bridge
- Southern Boulevard Bridge
- Atlantic Boulevard Bridge
- Sunrise Boulevard Bridge
- Oakland Park Boulevard Bridge
- Well Field Expansion, Sunrise
- Odor Control Facility, Margate
- Conveyor System - American Express

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 Apprentice School, 1983-1987
• Graduate

Licensed Electrician:
Broward County #90-WE-2642-X
Palm Beach County #J15606

Employment Record:

- Feb. 1998-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.
- Feb. 1991-Feb. 1998 - 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.
- Jan. 1988-Feb. 1991 - 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 - 12 Years