

## 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:

- Holiday Parks Sports Lighting – Phase I, II, III  
City of Fort Lauderdale, Florida
- Mills Pond Park Sports Lighting  
City of Fort Lauderdale, Florida
- Nob Hill Soccer Club  
City of Sunrise, Florida
- Sunrise Roller Hockey  
City of Sunrise, Florida
- Derbyshire Park  
City of Daytona Beach, Florida
- War Memorial Auditorium  
City of Fort Lauderdale, Florida
- Police Building PBX System  
City of Fort Lauderdale, 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. 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:

- Holiday Park Sports Lighting – Phase I & II
- Millspond Park Sports Lighting
- Miramar Silver Shores Park
- Aventura NE 34<sup>th</sup> Avenue Roadway Lighting
- Pompano Pump Station No. 16
- Pompano Lift Stations (9 Total)
- Pompano Lift Stations (13 Total)
- Lauderdale Lift Stations (4 Total)
- Eustis WWTP
- Jupiter Federal Bridge
- Daytona Main Street Bridge
- St. Augustine Bridge of Lions Bridge
- Barge Canal Bridges - Cape Canaveral
- Bel Air Causeway Bridge
- 14<sup>th</sup> Street Bridge, Pompano Beach
- Odor Control Facility, Margate
- Broward County Regional WWTP Expansion
- Conveyor System - American Express
- Tavares WTP
- Sanibel Phase II – Sewer Improvements
- Spruce Creek WWTP

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 - 13 Years